

SOCIETY FOR IMAGING INFORMATICS IN MEDICINE ANNUAL MEETING



IMAGING  
INFORMATICS  
**FOR THE**  
ENTERPRISE

**JUNE 7-10, 2007**  
RHODE ISLAND CONVENTION CENTER  
PROVIDENCE, RHODE ISLAND



**SIIM**  
2007

Jointly Sponsored by the Society of  
Interventional Radiology (SIR) and SIIM

**FINAL PROGRAM**



# Imaging Informatics for the Enterprise June 7-10, 2007 • Providence, Rhode Island

THE ANNUAL MEETING OF THE SOCIETY FOR IMAGING INFORMATICS IN MEDICINE

## Welcome to the SIIM 2007 Annual Meeting

The SIIM 2007 educational and scientific program truly captures the theme, "Imaging Informatics for the Enterprise." The following are just a few highlights:

- **STELLAR KEYNOTES** The program includes opening and closing general session keynote speakers who are true medical informatics pioneers: John Glaser, PhD, and Edward Shortliffe, MD, PhD. Both speakers will address the growing role that imaging informatics plays in health care organizations.
- **LIVE WORKFLOW DEMO** The live workflow demonstration will highlight practical issues involved with large data sets. Three physicians representing different specialty areas will demonstrate resolution of an individual case using the same dataset; the common dataset for the case will also be available to all exhibitors in the exhibit hall to hold their own demonstrations in their booths.
- **MULTIMEDIA EHR** Attend SIIM U Section 10 to find out why, rather than applying a one-size-fits-all approach, customized software interfaces and new integration approaches such as Service Oriented Architecture should be introduced to allow the average physician to leverage the advantages of digital-based multimedia.
- **HOT TOPIC BREAKOUTS** Three "hot topic" sessions that address particularly well imaging issues throughout the enterprise (Procedure Room Workflow in the Interventional Radiology/ Cardiology Suite; PACS/RIS Replacement, and Leveraging IT for Quality and Safety) will incorporate a 1-hour breakout session to facilitate interaction with invited speakers, thought leaders, and other attendees.
- **FEATURED SCIENTIFIC SESSIONS** Of particular note in 2007 are 3 new featured scientific sessions, which include a combination of invited speakers and scientific abstract presentations, all related to one topic.
- **VIRTUAL TOUR** Take a "virtual" facility tour of the M.D. Anderson Cancer Center in Houston throughout the meeting, and attend a special session with M.D. Anderson representatives.
- **IIP ROADMAP** Follow the IIP roadmap for sessions of particular interest to Imaging Informatics Professionals.
- **ONLINE COVERAGE** Check the SIIM website ([www.siimweb.org](http://www.siimweb.org)) daily for highlights of each day's educational program sessions and events, and following the meeting for podcasts of the presentations.

## Meeting Sponsors

SIIM wishes to thank the following corporations for their generous support of the SIIM 2007 Annual Meeting.

### PLATINUM LEVEL



Meeting Registration Bags



Siemens Medical Solutions USA, Inc.

IIP Pre-conference Symposium

GE Healthcare



Opening Brunch  
and Opening  
General Session



Welcome Reception

### GOLD LEVEL



Meeting Padfolios



Hotel Key Cards & Meeting  
Publications Belly Band



Audio Visual Equipment  
for Educational Sessions



Meeting Badge Lanyards

### SILVER LEVEL



Writing Pens



We Care For Your Image

Hot Topic Educational Session



NOVARAD  
RIS | PACS FOR LIFE

Internet Lounge & Kiosks

### BRONZE LEVEL



Friday Morning Exhibit Hall  
Refreshment Break



Siemens Display Technologies

PACS Workflow Demonstration  
Roundtable Breakfast

## PROGRAM OBJECTIVES

The Annual Meeting of the Society for Imaging Informatics in Medicine is a scientific and educational meeting and the preeminent educational forum and technical exhibition in image and information interpretation and management. It features the most recent developments in medical imaging informatics, particularly the advances in technology that can be applied to health care settings to improve the clinical practice of medicine and the effective management of health care resources.

Upon completion of the program, participants should be able to:

- Identify important concepts of imaging informatics that can improve medical practice across the enterprise;
- Describe the latest results in imaging informatics research;
- Explain how important clinical problems in imaging departments are being solved; and
- Interact with and facilitate feedback from the experts in the field of imaging informatics.

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## Continuing Medical Education Information

**PHYSICIANS** This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education (ACCME) through joint sponsorship of the Society of Interventional Radiology (SIR) and the Society for Imaging Informatics in Medicine (SIIM).

SIR is accredited by the ACCME to provide continuing medical education for physicians. SIR designates this educational activity for a maximum of 30.00 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.



**TECHNOLOGISTS** Category A CE credit is pending approval by the American Society of Radiologic Technologists (ASRT) for the SIIM Annual Meeting Program and the Imaging Informatics Professional Pre-conference Symposium.

**MEDICAL PHYSICISTS** An application has been submitted to the Commission on Accreditation of Medical Physics Education Programs (CAMPEP) to provide Medical Physics Continuing Education Credit (MPCEC) for the SIIM Annual Meeting.

### CONFLICT OF INTEREST

Presenters at this conference will disclose any conflict of interest or their intention to discuss off-label use, if applicable, in accordance with ACCME Standards and FDA requirements. Conflict of interest will be disclosed either in print or verbally at the beginning of the presentation.

Physician CME certificates may be obtained on the SIR CME website at <http://directory.sirweb.org/cmeother/> beginning August 1, 2007.

Technologists and medical physicists continuing education credits letter/certificate will be mailed to the address the attendee submitted on the SIIM 2007 meeting registration form. Please allow up to 12 weeks for receipt of confirmation letter/certificate.

### HOW TO OBTAIN CME CREDIT

All attendees who wish to receive physician, technologist, or medical physicist credit must return a Verification of Attendance Form found in the SIIM 2007 meeting evaluation booklet distributed with registration materials. Tracking numbers will be announced and displayed at the end of each educational session and attendees are responsible for recording the session number on the Verification of Attendance Form in order to claim the hours of credit that they actually spend in educational activity. Verification of Attendance Forms must be returned to the main registration desk at the conclusion of the meeting or sent to the SIIM office within two weeks following the meeting.

# General Information

## SESSION OVERVIEW

The SIIM 2007 Annual Meeting is a comprehensive educational and scientific meeting unmatched in the field. SIIM and its annual meeting provide an open environment for imaging informatics professionals (physicians, physicists, technologists, health care administrators, PACS administrators, IT professionals, scientists, engineers) to access expert, unbiased, and cutting-edge resources in a collegial and practical atmosphere.

### GENERAL SESSIONS

The general sessions include the opening and closing sessions and live workflow demonstration. These sessions spotlight core topics of interest to radiological informatics professionals. Invited speakers and key thought leaders in the field address major issues regarding digital imaging and the electronic medical practice.

### SIIM UNIVERSITY SESSIONS

The entirety of SIIM U will be presented at the Annual Meeting including Introductory, Intermediate, and Advanced level courses. The 2007 SIIM University curriculum features 12 sections.

- **Introductory (100 Level)** The 100-level presentations provide attendees with the basic and fundamental information used in everyday application of the technologies. These sessions are suitable for attendees with little knowledge of image information technology.
- **Intermediate (200 Level)** The 200-level presentations will allow participants to explore the technologies in greater depth and are more applicable to those with limited practical experience.
- **Advanced (300 Level)** The 300-level presentations are detailed and complex didactic offerings aimed at the technophiles and more experienced users of the technology.

### SCIENTIFIC SESSIONS

The scientific sessions are the heart of the meeting, and each session features moderated, peer-reviewed presentations grouped into related categories. This year, SIIM introduces 3 Featured Scientific Sessions, each including a combination of invited speakers and scientific abstract presentations, all related to one topic. Two invited speakers will participate in each session and highlight the scientific talks. The scientific program also features a poster and demonstration session/prizes, the Roger A. Bauman award for the best student paper, and the 7th Annual R&D Symposium.

### HOT TOPIC SESSIONS

Invited speakers present in-depth, specialized learning opportunities on cutting-edge, timely topics. In general, these sessions include topics not covered by SIIM U.

### ROUNDTABLES

These facilitated discussions will focus on topics of interest to select audiences, including residents, PACS administrators, imaging center administrators, those interested in open source, and RTs.

## Meals Provided

The Opening Brunch on Thursday and lunch on Friday will be provided during dedicated hours in the Exhibit Hall in the Rhode Island Convention Center. Refreshment Breaks will also be provided throughout the day. Check the daily schedule for times and locations.

## Schedule at a Glance

### Attendee Registration

*Exhibit Hall Foyer – Level 3*

Wednesday, June 6	4:00pm - 8:00pm
Thursday, June 7	6:30am - 5:00pm
Friday, June 8	7:00am - 5:00pm
Saturday, June 9	7:00am - 5:00pm
Sunday, June 10	7:00am - 10:00am

### Exhibitor Registration

*Exhibit Hall Foyer – Level 3*

Wednesday, June 6	8:00am - 5:00pm
Thursday, June 7	7:00am - 4:30pm
Friday, June 8	7:00am - 4:30pm
Saturday, June 9	7:00am - 1:00pm

### Speaker Ready Room

*Meeting Room 554 A/B*

Wednesday, June 6	4:00pm - 8:00pm
Thursday, June 7	7:00am - 5:00pm
Friday, June 8	7:00am - 5:00pm
Saturday, June 9	7:00am - 5:00pm
Sunday, June 10	7:00am - 10:00am

### Exhibit Hall Dates & Hours

*Level 3*

Thursday, June 7	9:30am - 4:30pm
Friday, June 8	9:30am - 4:30pm
Saturday, June 9	9:30am - 1:00pm

### Internet Lounge

*Rotunda – Level 5*

Wednesday, June 6	12:00pm - 8:00pm
Thursday, June 7	7:00am - 6:00pm
Friday, June 8	7:00am - 6:00pm
Saturday, June 9	7:00am - 6:00pm
Sunday, June 10	7:00am - 10:00am

### SIIM Member Lounge & Bookstore

*Ballroom Foyer – Level 5*

Thursday, June 7	8:00am - 5:00pm
Friday, June 8	8:00am - 5:00pm
Saturday, June 9	8:00am - 5:00pm
Sunday, June 10	8:00am - 12:00pm

### Press Office

*Meeting Room 551 A/B*

Wednesday, June 6	3:00pm - 5:00pm	<i>Exhibitors drop off press kits only</i>
Thursday, June 7	12:00pm - 5:00pm	<i>SIIM Press Conference</i>
Friday, June 8	8:00am - 5:00pm	

*If you have special needs under the Americans with Disabilities Act (ADA), please visit the registration desk for assistance.*

# IMAGING INFORMATICS PROFESSIONAL (IIP) PRE-CONFERENCE SYMPOSIUM ❖

Wednesday, June 6, 2007 | 8:30 am to 4:30 pm  
Rhode Island Convention Center, Ballroom A

The SIIM IIP Pre-conference Symposium introduces and explores the blend of competencies required for imaging informatics administration and assists individuals who have an interest in or plan to take the Imaging Informatics Professional (IIP) certification test.

## PROGRAM OVERVIEW AND FACULTY

### AN INTRODUCTION TO THE IMAGING INFORMATICS PROFESSIONAL

George Bowers, MBA, Health Care Information Consultants, LLC

### PROCUREMENT AND PROJECT MANAGEMENT

George Bowers, MBA

### OPERATIONS

David Wild, Fujifilm Medical Systems USA, Inc.

### COMMUNICATIONS AND TRAINING

Ann Scherzinger, PhD, University of Colorado Health Science Center

### IMAGE MANAGEMENT

Jay Crawford, MHA, MUSC Radiology Services

### INFORMATION TECHNOLOGY AND SYSTEMS MANAGEMENT

Salvador O. Tejada, Radiology & Imaging Specialists Lakeland

### MEDICAL INFORMATICS AND CLINICAL ENGINEERING

David Brown, BSCS, CNMT, Cedars-Sinai Medical Center

### GROUP DISCUSSION AND CONCLUSIONS (All)

**SIEMENS** *SIIM gratefully acknowledges the support of this course through an unrestricted educational grant provided by Siemens Medical Solutions USA, Inc.*

## SIIM 2007 Roadmap for Imaging Informatics Professionals (IIP)

The SIIM 2007 IIP Roadmap focuses on topics and recommended sessions within the scientific and educational track of the SIIM 2007 Annual Meeting that are of special interest to imaging informatics professionals, explore imaging informatics administration topics in greater depth, and highlight content relevant to the certification test outline. To help you plan your schedule, sessions that are part of the IIP roadmap are designated with an icon (❖) in this program.

The SIIM 2007 Imaging Informatics Professional Pre-conference Symposium is independent of the CIIP certification program, which requires a separate application. The CIIP program is governed by the American Board of Imaging Informatics (ABII), an independent certifying body and organization. ABII volunteers and staff are not involved in the development of any educational preparatory program. No preparatory program is endorsed by ABII nor is a prerequisite to earn the Certified Imaging Informatics Professional (CIIP) credential. ABII and its staff are solely responsible for the policies and administration of the CIIP program, including application deadline and eligibility requirements. To learn more about CIIP certification, contact [info@abii.org](mailto:info@abii.org). Questions about the IIP symposium and other SIIM IIP educational resources should be directed to [info@siimweb.org](mailto:info@siimweb.org).

## caBIG Demonstration

Rhode Island Convention Center, Ballroom Level Foyer

There are unique requirements and challenges for the research and clinical trials communities in medical imaging informatics. Some of the most exciting, innovative, and far-reaching projects are currently being funded or considered by a project known as the caBIG Imaging Workspace of the National Cancer Institute (NCI). These will likely have a major impact on all of us who are involved in medical imaging informatics and indeed in the field of diagnostic imaging.

caBIG refers to the National Institutes of Health (NIH)'s National Cancer Institute Cancer Biomedical Informatics Grid, a project designed to use grid computing to interconnect the approximately 50 clinical cancer centers throughout the country together using protocols, standards, and commonly adopted free and open source software. The ultimate purpose of the project is to achieve a level of online access to patient data that would permit physicians to personalize care of a cancer patient based not only on the literature written for a given disease but also on that patient's unique DNA make-up, tumor DNA and proteomic data, patient pharmacokinetic data and of course, patient anatomic and functional imaging data.

The workspace, which includes informatics experts from across the country in multiple subspecialty areas, currently has multiple simultaneous projects. The following and more will be highlighted at this demonstration, which will be ongoing throughout the meeting.

1. XIP – Extensible Imaging Platform
2. GridCAD and Virtual PACS
3. The Annotation and Image Markup and Query Formulation Projects
4. The RadLex Research Playbook

## VIRTUAL FACILITY TOUR

The University of Texas M.D. Anderson Cancer Center, one of the nation's leading cancer centers, is at the forefront of health care's digital transformation. In 1999, the Division of Diagnostic Imaging initiated the RadStation project to introduce filmless and paperless workflow. The project was developed in-house and was subsequently adopted as the institution's electronic medical record (EMR), named ClinicStation. The informatics and imaging physics departments developed novel solutions to the challenges of expanding imaging operations including CD importation, automated CT exam protocol management system, electronic dashboards, and a custom workflow engine that prioritizes interpretation based upon time of patient appointment.



The virtual tour will be shown throughout the conference in Meeting Room 553 A/B. In addition, a session featuring representatives from M.D. Anderson will be held on Saturday, June 9, 3:30 pm - 5:00 pm, Meeting Room 553 A/B.

# Networking Opportunities

## SIIM 2007 OPENING BRUNCH IN THE EXHIBIT HALL

Thursday, June 7, 9:30 am - 1:15 pm

Join your colleagues and our exhibitors for a delicious brunch and help us kick off the opening of the 2007 Exhibition. GE Healthcare is the generous sponsor of this event – stop by the GE booth (#615) to thank them for their support of the SIIM meeting. The Opening Brunch is a must-attend networking event!

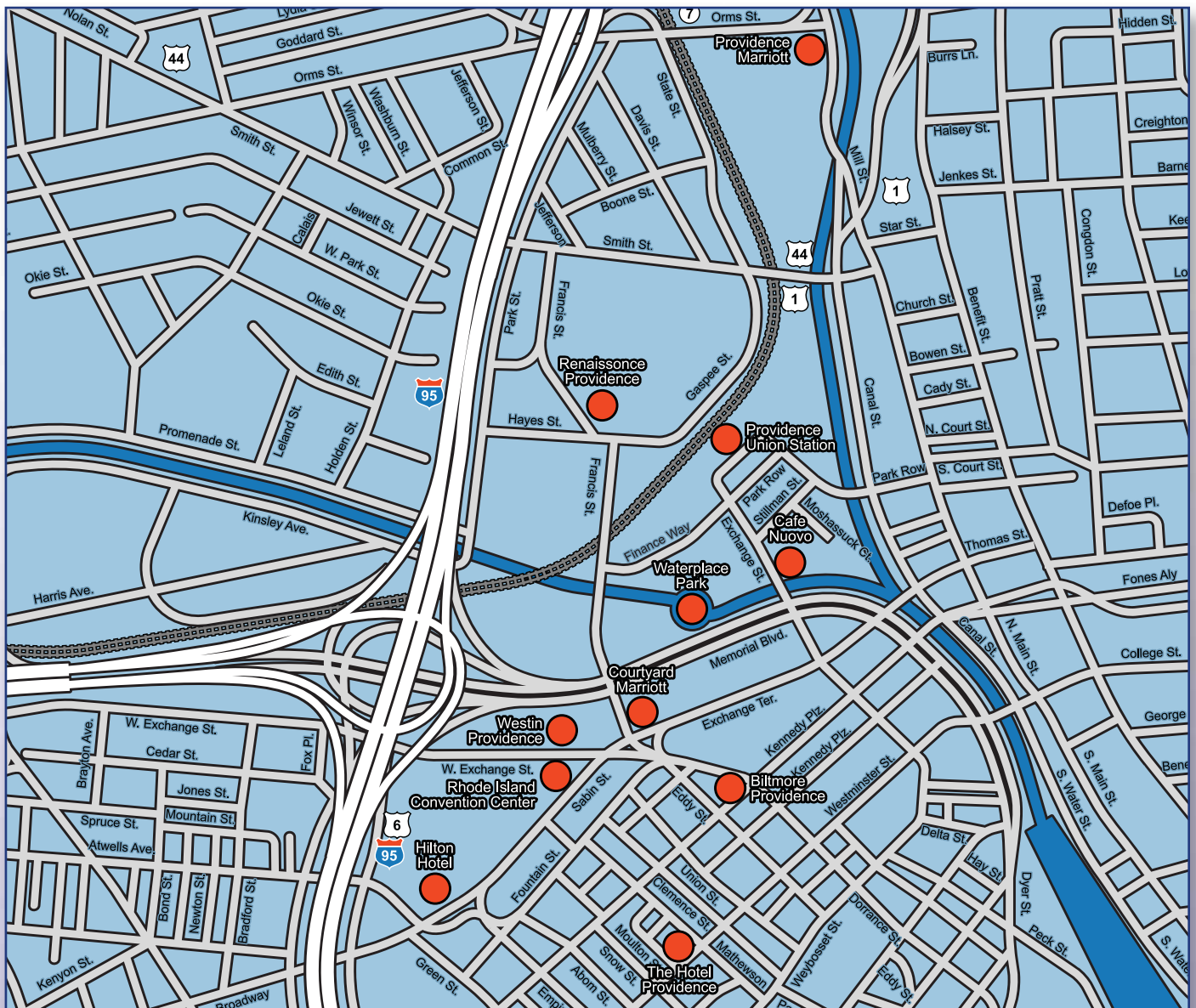
Sponsored by 

## SIIM WELCOME RECEPTION

Friday, June 8

Join in the fun at the SIIM Welcome Reception and enjoy Providence's WaterFire scheduled to begin at sunset the evening of Friday, June 8. The award-winning WaterFire is a powerful work of art involving a fire sculpture of nearly 100 bonfires set to instrumental music along the Providence River Walk. All meeting attendees are invited for what is always a very enjoyable evening of collegial relaxation and networking. Dessert and coffee will be served at nearby Cafe Nuovo. Be sure to wear your registration badge at this event. See you there!

*This event is co-sponsored by SIIM and *



# ROUNDTABLE BREAKFASTS AT SIIM 2007

These facilitated discussions will focus on topics of interest to a variety of SIIM constituents and meeting attendees.

- **Resident Roundtable**

Friday, June 8, 7:00 am - 8:00 am

Westin Providence Hotel – Washington/Newport

**MODERATOR Barton F. Branstetter IV, MD**

*University of Pittsburgh Health Systems*

- **Imaging Center Administrators - CIOs & CFOs Roundtable**

Friday, June 8, 7:00 am - 8:00 am

Westin Providence Hotel – Kent/Bristol

**MODERATOR Bradley J. Erickson, MD, PhD**

*Mayo Clinic, Rochester*

- **PACS Workflow Management Roundtable**

Saturday, June 9, 7:00 am - 8:00 am

Westin Providence Hotel – Providence Ballroom II

**MODERATOR David Wild**

*Fujifilm Medical Systems USA, Inc.*

- **PACS Professional Advancement Roundtable**

Saturday, June 9, 7:00 am - 8:00 am

Westin Providence Hotel – Kent/Bristol

**MODERATOR Charles W. Socia, RT(R)(CT)(QM)**

*Arkansas Medical Imaging*

- **PACS Troubleshooting Roundtable**

Saturday, June 9, 7:00 am - 8:00 am

Westin Providence Hotel – Providence Ballroom I

**MODERATOR Christopher D. Meenan, MS**

*University of Maryland Medical System*

- **PACS High Availability Roundtable**

Saturday, June 9, 7:00 am - 8:00 am

Westin Providence Hotel – Washington/Newport

**MODERATOR Steve G. Langer, PhD**

*Mayo Clinic, Rochester*

- **Open Source Roundtable**

Sunday, June 10, 7:00 am - 8:00 am

Westin Providence Hotel – Washington/Newport

**MODERATOR Paul G. Nagy, PhD**

*University of Maryland School of Medicine*

- **RT Roundtable**

Sunday, June 10, 7:00 am - 8:00 am

Westin Providence Hotel – Kent/Bristol

**MODERATOR Shaun Hill, RT (R)**

*High Point Regional Health System*

- **PACS Administration Panel Discussion**

Sunday, June 10, 7:00 am - 8:00 am

Westin Providence Hotel – Providence Ballroom I

This panel discussion will feature the moderators from the Saturday PACS Roundtable sessions and a summary of those discussions.

## SIIM Annual Membership Meeting and Fellows Induction Luncheon

**Friday, June 8, 12:00 pm - 1:00 pm  
Ballroom A**

SIIM members, be sure to attend the Membership Meeting that will include the election of SIIM officers and directors and the induction of new SIIM Fellows on Friday, June 8 at 12:00 noon. Lunch will be served. In addition, *Journal of Digital Imaging* awards for Best Paper and Best Reviewer of 2006 will be presented. Learn about the specific missions and activities of each of our committees and the many possible avenues for participation.

**Join us!**

## SIIM Fun Run | Friday, June 8, 6:30 am

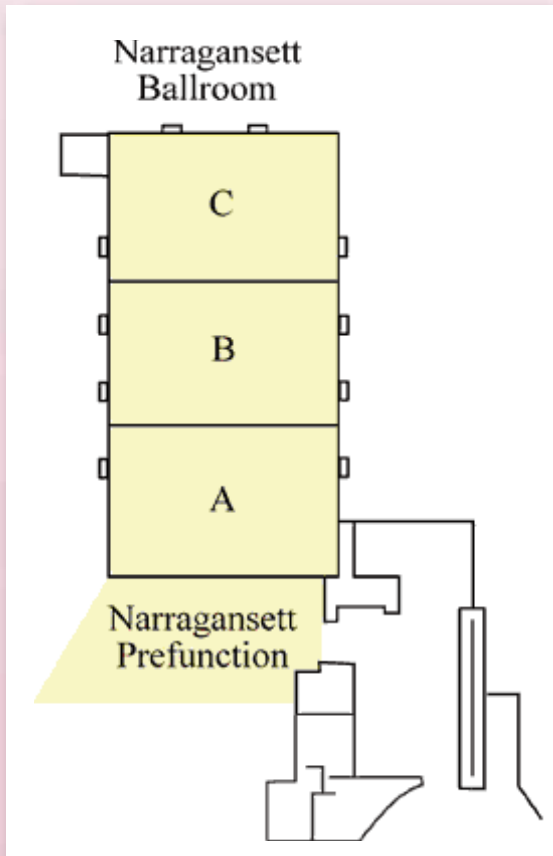
Join your colleagues and get in some exercise, too! You are invited to the SIIM Fun Run scheduled for Friday, June 8, beginning at 6:30 am. Meet in front of the Rhode Island Convention Center for this early-to-rise health-promoting event. If you don't want to run the course, take a morning walk to start off the day right! Pre-registration is required; sign-up at the main Registration Desk.

## Internet & Member Lounges

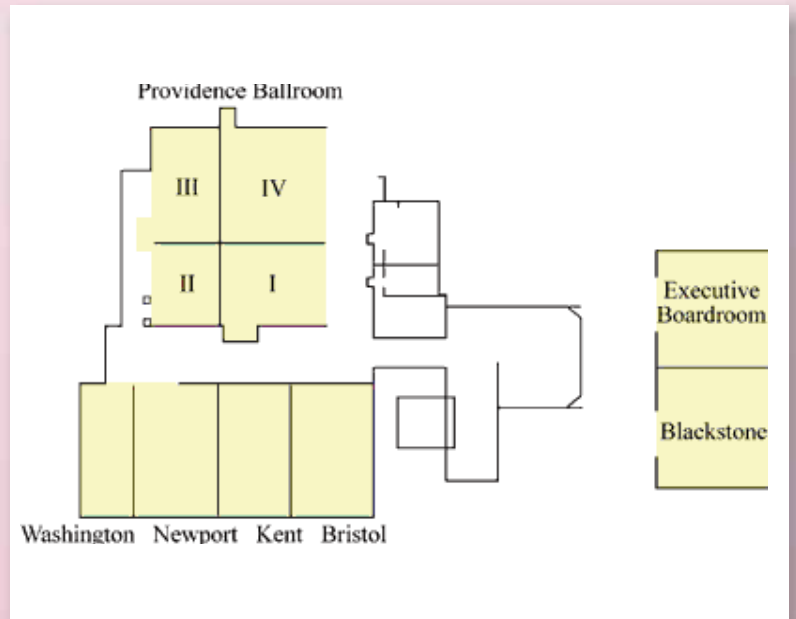
Two areas in the Convention Center are designated for members and attendees to gather and network. The Internet Lounge will be available for attendees throughout the meeting. The SIIM Member Lounge will be a place to gather, meet colleagues, browse the SIIM Bookstore, and get information about SIIM activities. There will also be demos of Manuscript Central, the online submission system for the *Journal of Digital Imaging*.

# Hotel & Convention Center

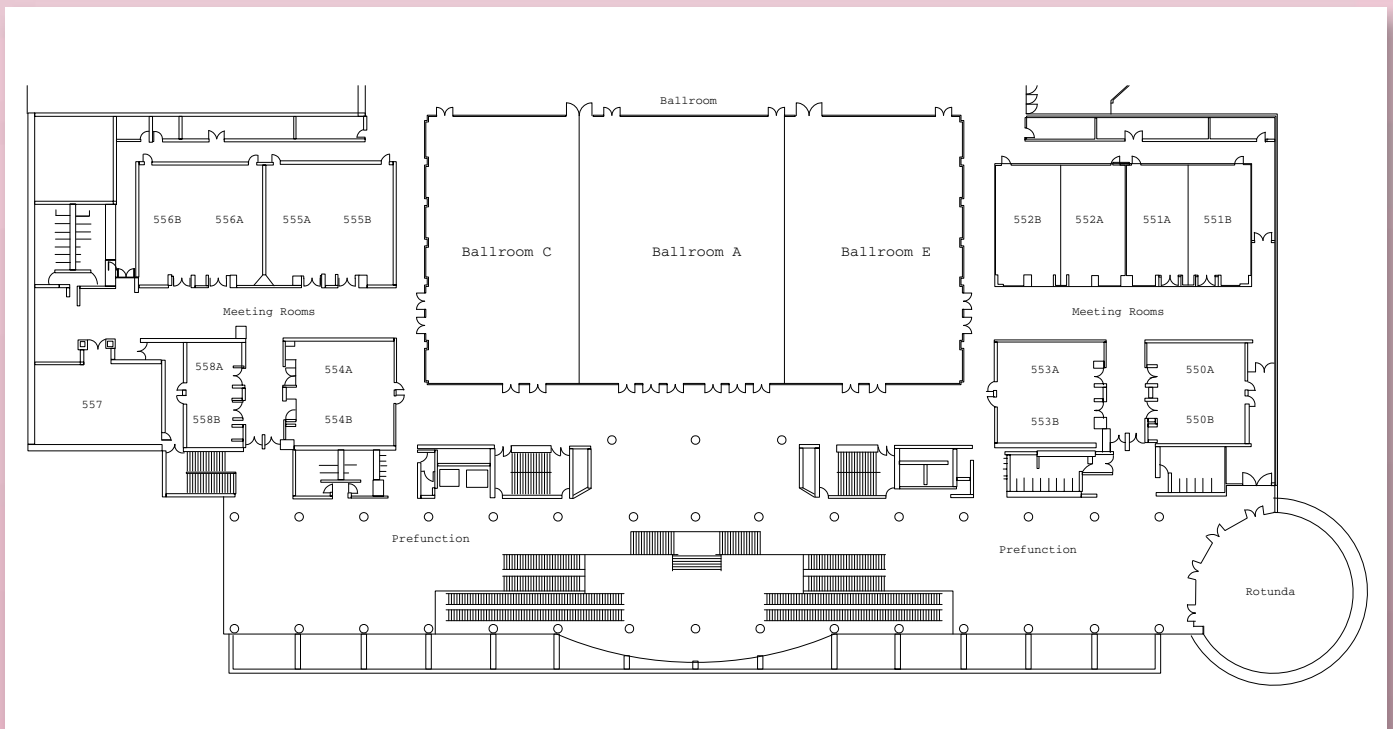
Westin Providence Hotel, Ground Floor



Westin Providence Hotel, Third Floor



Rhode Island Convention Center, Level 5



# Day 1 - Thursday, June 7

## KEY

- General Sessions
- Scientific Sessions
- Hot Topics
- SIIM University Sessions
- Roundtables

8:00 am	Attendee Registration Hours 6:30 am - 5:00 pm	Exhibit Hall Hours 9:30 am - 4:30 pm	
9:30 am	<b>Opening General Session</b> The Evolution of the Role of Imaging Informatics in the Health Care Delivery System <i>John P. Glaser, PhD</i> 8:00 am - 9:30 am Ballroom A		
10:15 am	Opening Brunch in the Exhibit Hall 9:30 am - 1:15 pm		
11:45 am	<b>SIIM U 1</b> Digital Radiography 10:15 am - 11:45 am Ballroom A  101 Fundamentals of Digital Radiography 201 What's New in Digital Radiography? 301 The Transition from Analog to Digital Radiography: A Technologist's Perspective	<b>Hot Topic 1</b> Procedure Room Workflow 10:15 am - 11:45 am Ballroom E  Breakout Session 11:45 am - 12:45 pm Meeting Room 552 A/B	<b>7th Annual SIIM Research &amp; Development Symposium</b>  10:15 am - 11:45 am Ballroom C
1:15 pm	Opening Brunch in the Exhibit Hall 9:30 am - 1:15 pm		
2:45 pm	<b>SIIM U 2</b> PACS Operational Policies & Procedures 1:15 pm - 2:45 pm Ballroom A  102 Using a Wiki for Documentation 202 Creating High Performance Teams and Processes for Radiology - A Blended ITIL/CMM Approach 302 Policies Surrounding Migration	<b>Scientific Session</b>  Infrastructure 1:15 pm - 2:45 pm Ballroom E	<b>Featured Scientific Session - Part I</b>  Optimizing the Interpretation Process  1:15 pm - 2:45 pm Ballroom C
3:30 pm	Refreshment Break in the Exhibit Hall		
5:00 pm	<b>SIIM U 3</b> 3D & Advanced Visualization  3:30 pm - 5:00 pm Ballroom A  103 Next Generation Architectures 203 3D and other Advanced Techniques 303 The Clinical Setting	<b>Hot Topic 2</b>  RHIOs 3:30 pm - 5:00 pm Ballroom E	<b>Featured Scientific Session - Part II</b>  Optimizing the Interpretation Process  3:30 pm - 5:00 pm Ballroom C

## Opening General Session ❖

8:00 am - 9:30 am, Ballroom A

### WELCOME ADDRESS

**Curtis P. Langlotz, MD, PhD**

Chair, Society for Imaging Informatics in Medicine  
University of Pennsylvania Health System

**Bradley J. Erickson, MD, PhD**

Chair, SIIM Annual Meeting Program Committee  
Mayo Clinic, Rochester

### KEYNOTE SPEAKER

**John P. Glaser, PhD**



Vice President and Chief Information Officer  
Partners Healthcare Systems, Inc.

**The Evolution of the Role of Imaging Informatics in the Health Care Delivery System**

In the years ahead, imaging informatics will play stronger and more diverse roles in health care provider organizations. These roles will encompass:

- Growing diversity of modalities and a larger span of medical disciplines;
- Increased utilization of imaging annotations and feature extractions to support care improvement and research efforts;
- Inclusion of images in regional, state, and national clinical data exchanges;
- Increased utilization of order entry and electronic medical record decision support algorithms to guide provider ordering behavior; and
- Expansion of imaging to support advances in molecular medicine-based research.

Dr. Glaser will discuss these roles and their likely evolution. Strategies for facilitating this evolution will also be discussed.

GE Healthcare



This session is sponsored through an unrestricted educational grant by GE Healthcare.

- ❖ Imaging Informatics Professional Roadmap
- ⌘ Student papers eligible for the Roger A. Bauman Award

## • SIIM UNIVERSITY SECTION 1

### DIGITAL RADIOGRAPHY

10:15 am - 11:45 am  
Ballroom A

#### SECTION HEAD

**Charles E. Willis, PhD**  
UT M.D. Anderson Cancer Center

#### 101 Fundamentals of Digital Radiography

Charles E. Willis, PhD  
UT M.D. Anderson Cancer Center

#### 201 What's New in Digital Radiography?

J. Anthony Seibert, PhD  
University of California-Davis Medical Center

#### 301 The Transition from Analog to Digital Radiography:

**A Technologist's Perspective**  
Shirley Weddle, RT(R)(M)  
Total Digital Imaging Consulting (TDIcon)

## • 7TH ANNUAL R&D SYMPOSIUM

10:15 am - 11:45 am  
Ballroom C

#### SESSION CHAIR

**Elizabeth A. Krupinski, PhD**  
University of Arizona

The SIIM Research and Development Committee will present its 7th symposium and feature 3 topics.

- **SIIM 2006 Grant Recipient Research Findings: An Open Source Web-based Application for Radiology Decision Support**  
William Boonn, MD  
University of Pennsylvania
- **SIIM TRIP™ Initiative Update**  
Katherine P. Andriole, PhD  
Brigham & Women's Hospital, Harvard Medical School
- **Proving Equivalence – The Same as the Other Guy**  
Elizabeth A. Krupinski, PhD  
University of Arizona

## • HOT TOPIC SESSION 1 ❖

### PROCEDURE ROOM WORKFLOW

10:15 am - 11:45 am  
Ballroom E

#### SESSION CHAIR

**Neil J. Halin, DO**  
Tufts New England Medical Center

#### PARTICIPANTS

**Keith M. Horton, MD**  
Washington Hospital Center

**Steven C. Horii, MD**  
University of Pennsylvania Health System

### BREAKOUT SESSION

#### HOT TOPIC SESSION 1 - Procedure Room Workflow

11:45 am - 12:45 pm  
Meeting Room 552 A/B

Join the session chair and participants in a lively breakout discussion immediately following the session.

## • SIIM UNIVERSITY SECTION 2 ❖

### PACS OPERATIONAL POLICIES & PROCEDURES

1:15 pm - 2:45 pm  
Ballroom A

#### SECTION HEAD

**Christopher D. Meenan, MS**  
University of Maryland Medical System

- 102 **Using a Wiki for Documentation**  
Antoinette King, RT(R)  
University of Maryland Medical Center
- 202 **Creating High Performance Teams and Processes for Radiology - A Blended ITIL/CMM Approach**  
Christopher D. Meenan, MS  
University of Maryland Medical System
- 302 **Policies Surrounding Migration**  
Frederick M. Behlen, PhD  
Laboratory Automation Inc.

• **SCIENTIFIC SESSION**

**INFRASTRUCTURE**

1:15 pm - 2:45 pm  
Ballroom E

**CO-CHAIRS**

**David E. Avrin, MD, PhD**  
University of Utah School of Medicine

**Paul G. Nagy, PhD**  
University of Maryland School of Medicine

- **Systematic Nomenclature for Imaging Procedures and Series Descriptors**  
Janice Honeyman-Buck, PhD  
University of Florida
- **A Generic Framework for Distributed Data Replication Based on Multi-Agent Technology**  
Bart Jansen, PhD  
Vrije Universiteit Brussel
- **Validating a Low-cost, Flexible, and High-Performance Storage Solution for PACS**  
Christopher P. Toland  
University of Maryland Medical System
- **Development and Evaluation of a Plug-In that Makes Adobe Acrobat Widely Healthcare Compliant**  
Hugh Lyshkow  
DesAcc, Inc.
- **Integrating a PACS System to caGrid: A De-identification and Integration Framework**  
Selnur Erdal, MS  
The Ohio State University Medical Center
- **Impact of Various Imaging Modalities on PACS Archiving and Storage**  
Eugene Mah, MSc  
Medical University of South Carolina

• **FEATURED SCIENTIFIC SESSION - PART I**

**OPTIMIZING THE INTERPRETATION PROCESS**

1:15 pm - 2:45 pm  
Ballroom C

**CHAIR Elizabeth A. Krupinski, PhD**  
University of Arizona

**Ergonomic and Perceptual Optimization of the Reading Room**

**SPEAKER Elizabeth A. Krupinski, PhD**  
University of Arizona

- **Medical Imaging Resource Center (MIRC) Integrated into a Teaching Institution Workflow** ☞  
Luciano M.S. Prevedello, MD  
Brigham & Women's Hospital, Harvard Medical School
- **Effectiveness of Filtering Techniques for Searching a Large Radiology Image Library**  
Charles E. Kahn, Jr., MD, MS  
Medical College of Wisconsin
- **Silent Cerebral Infarct Transfusion Trial Imaging Core: Application of Novel Imaging Information Technology for Rapid and Central Review of MRI of the Brain**  
Bruce A. Vendt, MBA  
Washington University School of Medicine
- **Bridging the Imaging Abyss: Multi-specialty, Adaptive Imaging Workflow**  
Nogah Haramati, MD  
Albert Einstein School of Medicine

• **FEATURED SCIENTIFIC SESSION - PART II**

**OPTIMIZING THE INTERPRETATION PROCESS**

3:30 pm - 5:00 pm  
Ballroom C

**CHAIR Elizabeth A. Krupinski, PhD**  
University of Arizona

**Adapting Technology and Environmental Factors to Radiologist Personality**

**SPEAKER Bruce I. Reiner, MD**  
VA Maryland Health Care System

- **Ontology Driven Authoring of DICOM Hanging Protocols** ☞  
Timothy B. Johnson, DO  
Northwestern University
- **Maintaining Radiographic Quality Using a Digital X-Ray Dashboard**  
Todd R. Minnigh  
Kodak Health Group
- **Quantitative Analysis of QA Deficiencies for Digital Chest Radiography**  
Bruce I. Reiner, MD  
VA Maryland Health Care System
- **“Interpreter Experience” as a Quality Metric: A Survey of the Medical Imaging Literature and Description of Alternative Electronic-Based Approaches**  
Nancy Knight, PhD  
University of Maryland School of Medicine

• **SIIM UNIVERSITY SECTION 3**

**3D & ADVANCED VISUALIZATION**

3:30 pm - 5:00 pm  
Ballroom A

**SECTION HEAD**

**Keith J. Dreyer, DO, PhD**  
Massachusetts General Hospital

- 103 Advanced Visualization: Next Generation Architectures**  
Keith J. Dreyer, DO, PhD  
Massachusetts General Hospital
- 203 Advanced Visualization: 3D and other Advanced Techniques**  
Gordon J. Harris, PhD  
Massachusetts General Hospital
- 303 Advanced Visualization: The Clinical Setting**  
Matthew A. Barish, MD  
Brigham and Women's Hospital, Harvard Medical School

• **HOT TOPIC SESSION 2** ❖

**REGIONAL HEALTH INFORMATION ORGANIZATIONS (RHIOs)**

3:30 pm - 5:00 pm  
Ballroom E

**SESSION CHAIR**

**Adam E. Flanders, MD**  
Thomas Jefferson University Hospital

**PARTICIPANTS**

- Elliott D. Menschik, MD, PhD**  
Hx Technologies, Inc.
- David S. Channin, MD**  
Northwestern University Medical School

# Day 2 - Friday, June 8

## KEY

- General Sessions
- Scientific Sessions
- Hot Topics
- SIIM University Sessions
- Roundtables

7:00 am	5K Fun Run 6:30 am	Attendee Registration Hours 7:00 am - 5:00 pm	Exhibit Hall Hours 9:30 am - 4:30 pm	
8:00 am	Resident Roundtable 7:00 am - 8:00 am Westin Providence Hotel - Washington/Newport		Imaging Center Administrators - CIOs & CFOs Roundtable 7:00 am - 8:00 am Westin Providence Hotel - Kent/Bristol	
9:30 am	<b>SIIM U 4</b> Workstations for Medical Imaging 8:00 am - 9:30 am Ballroom A  104 Workstations: State-of-the-Art 204 Pervasive Computing: Workstation Power Anywhere 304 Workstation of the Future: Trends and Developments	<b>Hot Topic 3</b> PACS/RIS Replacement  8:00 am - 9:30 am Ballroom E  Breakout Session 9:30 am - 10:30 am Meeting Room 552 A/B	<b>Featured Scientific Session - Part I</b>  Image Processing, 3D, and CAD  8:00 am - 9:30 am Ballroom C	
10:15 am	Refreshment Break in the Exhibit Hall			
11:45 am	<b>SIIM U 5</b> Communicating Results 10:15 am - 11:45 am Ballroom A  105 Communication of Critical Test Results and the National Patient Safety Goal 205 IT Tool Kit for Optimization of Communication of Critical Test Results 305 Communication of Critical Test Results and the Electronic Health Record - a Case Example	<b>Scientific Session</b>  Imaging Informatics in the Enterprise  10:15 am - 11:45 am Ballroom E	<b>Featured Scientific Session - Part II</b>  Image Processing, 3D, and CAD  10:15 am - 11:45 am Ballroom C	
1:15 pm	Lunch in the Exhibit Hall 11:45 am - 1:15 pm		SIIM Members Business Meeting & Lunch 12:00 pm - 1:00 pm Ballroom A	
2:45 pm	<b>General Session</b> Live Workflow Demo to Understand Practical Issues of TRIP™  1:15 pm - 2:45 pm Westin Providence Hotel - Narragansett Ballroom			
3:30 pm	Refreshment Break in the Exhibit Hall			
5:00 pm	<b>SIIM U 6</b> Data Center 3:30 pm - 5:00 pm Ballroom A  106 Protecting the Availability of Your Data 206 High Availability Design and Administration 306 Challenges of Building an Enterprise DICOM Archive	<b>Hot Topic 4</b>  Intellectual Property  3:30 pm - 5:00 pm Ballroom E	<b>Scientific Session</b>  TRIP™  3:30 pm - 5:00 pm Ballroom C	<b>Scientific Poster &amp; Demonstration Session</b>  3:30 pm - 5:00 pm Posters: Ballroom Level Foyer Demos: Meeting Room 550A/B

# Day 2 - Friday, June 8

## • RESIDENT ROUNDTABLE

7:00 am - 8:00 am  
*Westin Providence Hotel –  
Washington/Newport*

### MODERATOR

**Barton F. Branstetter IV, MD**  
*University of Pittsburgh Health Systems*

## • IMAGING CENTER ADMINISTRATORS - CIOs & CFOs ROUNDTABLE

7:00 am - 8:00 am  
*Westin Providence Hotel –  
Kent/Bristol*

### MODERATOR

**Bradley J. Erickson, MD, PhD**  
*Mayo Clinic, Rochester*

## • SIIM UNIVERSITY SECTION 4 ❖

### WORKSTATIONS FOR MEDICAL IMAGING

8:00 am - 9:30 am  
*Ballroom A*

### SECTION HEAD

**Steven C. Horii, MD**  
*University of Pennsylvania Health System*

**104 Workstations: State-of-the-Art**  
Barton F. Branstetter IV, MD  
*University of Pittsburgh Health Systems*

**204 Pervasive Computing: Workstation Power Anywhere**  
Woojin Kim, MD  
*University of Pennsylvania School of Medicine*

**304 Workstation of the Future: Trends and Developments**  
David L. Weiss, MD  
*Geisinger Medical Center*

## • HOT TOPIC SESSION 3 ❖

**PACS/RIS REPLACEMENT**  
8:00 am - 9:30 am  
*Ballroom E*

### SESSION CHAIR

**David E. Avrin, MD, PhD**  
*University of Utah School of Medicine*

### PARTICIPANTS

**Richard H. Wiggins, III, MD**  
*University of Utah School of Medicine*

**Frederick M. Behlen, PhD**  
*Laboratory Automation Inc.*



*This session is sponsored through an unrestricted educational grant by Dynamic Imaging.*

### BREAKOUT SESSION

#### HOT TOPIC SESSION 3 - PACS/RIS Replacement

9:30 am - 10:30 am  
*Meeting Room 552 A/B*

Join the session chair and participants in a lively breakout discussion immediately following the session.

## • FEATURED SCIENTIFIC SESSION - PART I

**IMAGE PROCESSING, 3D, & CAD**  
8:00 am - 9:30 am  
*Ballroom C*

**CHAIR Katherine P. Andriole, PhD**  
*Brigham & Women's Hospital, Harvard Medical School*

### Advanced Processing Basics and Imaging Informatics Issues to Consider

**SPEAKER Katherine P. Andriole, PhD**  
*Brigham & Women's Hospital, Harvard Medical School*

• **Applying Computational Grids to Enhanced Content-based Image Retrieval through Image Registration Algorithms**  
Natália Abdala Rosa, MD  
*University of São Paulo*

• **Near-optimal 3D Context Modeling for JPEG2000 Part 10**  
Bart Jansen, PhD  
*Vrije Universiteit Brussel (VUB)*

• **Lossy Compression as a Standard of Practice: A Pan-Canadian Study to Evaluate Compression Ratios for Use in National Guidelines**

David A. Koff, MD  
*Sunnybrook Health Science Centre*

• **Volumetric Measurements of Pulmonary Nodules: Variability in Automated Analysis Tools ❖**

Woojin Kim  
*University of Pennsylvania School of Medicine*

## • FEATURED SCIENTIFIC SESSION – PART II

**IMAGE PROCESSING, 3D, & CAD**  
10:15 am - 11:45 am  
*Ballroom C*

**CHAIR Katherine P. Andriole, PhD**  
*Brigham & Women's Hospital, Harvard Medical School*

### Advanced Processing in the Clinical Arena

**SPEAKER Matthew A. Barish, MD**  
*Brigham & Women's Hospital, Harvard Medical School*

• **The Principle of a Sensitive & Accurate De-Convolution Technique and its Applications in Accurate Assessments of Minute Bone Fractures & Tear Effects in CT & MR**  
Kui Ming Chui, PhD  
*Image Enhancement Technology Ltd.*

• **Observer Success Rates for Identification of 3D Surface Reconstructed Facial Images and Implications for Patient Privacy and Security ❖**  
Joseph J. Chen, MD  
*University of Maryland Medical System*

• **Histogram Analysis on Thin Section CT Compared with Thick Section CT to Characterize Adrenal Masses ❖**  
Krishna Juluru, MD  
*VA Maryland Health Care System/ Johns Hopkins University School of Medicine*

• **The Impact of Dose Reduction on Apparent Nodule Diameter and Volume Measured Using a Commercial Workstation ❖**  
Joseph Johnson  
*VA Maryland Health Care System*

## General Session ❖

1:15 pm - 2:45 pm

Westin Providence Hotel –  
Narragansett Ballroom

**Live Workflow Demonstration  
Session to Understand Practical  
Issues of TRIP™**

### CO-CHAIRS

**Khan M. Siddiqui, MD**  
VA Maryland Health Care System

**Eliot L. Siegel, MD**  
University of Maryland School of  
Medicine, VA Maryland Health  
Care System

### PRESENTERS

**Trauma Case:**  
**Kathirkamanathan  
Shanmuganathan, MD**  
University of Maryland School of  
Medicine

**Cardiology Case:**  
**Anwer Quershi, MD**  
Geisinger Medical Center

**Nuclear Medicine Case:**  
**Eliot L. Siegel, MD**  
University of Maryland School of  
Medicine, VA Maryland Health Care  
System

This event will illustrate the complexities of information overload on the interpretation process for imaging professionals. Multiple case scenarios will be shown to point out how experts deal with the issues of large datasets, multi-modality, and advanced image processing workflows. The audience will have a chance to see live how the experts use their favorite applications to navigate through the mesh of complex cases.

The cases from this session will be made available to the vendors in the exhibit hall so that conference participants can get a hands-on experience to understand issues involved in the transformation of the interpretation process.

*This session will take place in affiliation with the Society of Computed Body Tomography & Magnetic Resonance (SCBTMR).*

## • SIIM UNIVERSITY SECTION 5 ❖

### COMMUNICATING RESULTS THROUGHOUT THE ENTERPRISE

10:15 am - 11:45 am  
Ballroom A

#### SECTION HEAD

**Ramin Khorasani, MD, MPH**  
Brigham and Women's Hospital,  
Harvard Medical School

**105 Communication of Critical Test  
Results and the National Patient  
Safety Goals: What You Need to Do**  
Ramin Khorasani, MD, MPH  
Brigham and Women's Hospital,  
Harvard Medical School

**205 IT Tool Kit for Optimization of  
Communication of Critical Test  
Results: What You Need to Know**  
Paul G. Nagy, PhD  
University of Maryland School of  
Medicine

**305 Communication of Critical Test  
Results and the Electronic Health  
Record - a Case Example**  
Paul J. Chang, MD  
University of Chicago, Pritzker  
School of Medicine

## • SCIENTIFIC SESSION

### IMAGING INFORMATICS IN THE ENTERPRISE

10:15 am - 11:45 am  
Ballroom E

#### CO-CHAIRS

**Steven C. Horii, MD**  
University of Pennsylvania Health System

**Richard H. Wiggins, III, MD**  
University of Utah School of Medicine

• **Storage Gateway that Facilitates  
Cross-Enterprise Document Sharing**  
Charles Stockham, PhD  
DeJarnette Research Systems, Inc.

• **Research Master Subject Index -  
Bridging Research and Clinical ID  
Domains using WS/PIDS**  
Lawrence Tarbox, PhD  
Washington University School  
of Medicine

• **Department of Veterans Affairs  
Nationwide Diabetic Retinopathy  
Surveillance Network**  
Peter M. Kuzmak, MS  
Department of Veterans Affairs

• **Structured Chaos: Combining  
Ontologies and Advanced Visual Data  
Mining for Next Generation Imaging  
Informatics**

Keith J. Dreyer, DO, PhD  
Massachusetts General Hospital

• **Using a Wiki to Build a Collaborative  
Decision Support and Knowledge  
Repository for Supporting a PACS  
System**  
Antoinette King, RT(R)  
University of Maryland Medical Center

• **Collecting 48,000 CT Exams for the  
Lung Screening Study of the National  
Lung Screening Trial**  
Kenneth W. Clark, MS  
Washington University/  
Mallinckrodt Institute

## • SIIM UNIVERSITY SECTION 6 ❖

### DATA CENTER

3:30 pm - 5:00 pm  
Ballroom A

#### SECTION HEAD

**Steve G. Langer, PhD**  
Mayo Clinic, Rochester

**106 Protecting the Availability of  
Your Data**  
Christopher P. Toland  
University of Maryland Medical System

**206 High Availability Design and  
Administration**  
Shadaab Kanwal, MBA, MISM  
Ohio Health Information Services

**306 Challenges of Building an  
Enterprise DICOM Archive**  
Kenneth R. Persons, MSEE  
Mayo Clinic, Rochester

## • HOT TOPIC SESSION 4

### INTELLECTUAL PROPERTY

3:30 pm - 5:00 pm  
Ballroom E

#### SESSION CHAIR

**Bruce I. Reiner, MD**  
VA Maryland Health Care System

#### PARTICIPANTS

**Jean Edwards, Esquire**  
Akerman Senterfitt

**David H. Foos, MS**  
Eastman Kodak Company

**Peter McClellan**  
Amicas, Inc.

• **SCIENTIFIC SESSION**

**TRIP™**

3:30 pm - 5:00 pm  
Ballroom C

**CO-CHAIRS**

**J. Raymond Geis, MD**  
Advanced Medical Imaging Consultants, PC

**Richard L. Morin, PhD**  
Mayo Clinic, Jacksonville

- **Advancing Advanced Visualization in the Clinical Environment** ⌘  
Skip James Talbot  
Northwestern University
- **A Web Based Tool for Auditing the Quality of Reports Generated via Speech Recognition** ⌘  
Max J. Warnock  
University of Maryland Medical System
- **A Lookup and Reference Tool for Pulmonary Computed Tomography Nodules**  
Michael Lam  
James Madison University
- **PACS-Based Methodology for Inserting Research Studies into Routine Image Interpretation Workflow**  
Nabile M. Safdar, MD  
University of Maryland
- **Interface for Assisted Structured Reporting in Mammography with CBIR Integrated**  
Natália Abdala Rosa, MD  
University of São Paulo
- **Evaluating the Success of PACS Implementation: Survey of Clinicians and Radiologists in a University Hospital**  
Luigi Lepanto, MD  
HEC Montreal

• **POSTER AND DEMONSTRATION SESSION**

3:30 pm - 5:00 pm  
**Posters:** Ballroom Level Foyer  
**Demonstrations:**  
Meeting Room 550 A/B

- **Aided Diagnosis Tool for Periodontal Bone Resorption through Odontological Digital Subtraction Radiography**  
Renata Freitas Góes  
University of Sao Paulo

- **Applying Respiratory and ECG Monitoring Device for Attenuation Correction in PET Image**  
Joong Il Kim  
Yonsei University College of Medicine
- **Automated Distributed Post-processing of Medical Images with Standard DICOM Storage Services: An Application Framework and Implementation with Magnetic Resonance Diffusion Tensor Imaging Data**  
Paulo R. Dellani, MSc  
Johannes Gutenberg-University of Mainz
- **Automatic Phantom and Coil Detection for MRI QA Tests Using Image Processing Techniques**  
Mysore S. Venkata Ramana  
Philips Medical Systems
- **Development, Implementation, and Initial Use of a Comprehensive System for Automated Quality Control of Diagnostic Ultrasound Scanners**  
Scott F. Stekel  
Mayo Clinic
- **Effect of the Characteristics of Mammographic Images Digitized by “Optical” and Laser Digitizers on a Clustered Microcalcifications Segmentation Technique: a Comparative Study**  
Renata Freitas Góes  
University of Sao Paulo
- **Evaluation of the Impact of Abnormal Structures on MRI Nonuniformity Correction**  
Liqin Wang, PhD  
Mayo Foundation
- **Experimental Design for Determining the Effect of Noise on CAD Performance**  
Alisa I. Walz-Flannigan, PhD  
Mayo Clinic
- **gridImage: A Grid Computing Platform for Radiological and Pathological Image Analysis**  
Metin N. Gurcan, PhD  
The Ohio State University
- **Incorporating Video Capability into an On-Line Digital Imaging Database**  
Stefan C. Hamelin, MPAS  
Uniformed Services University of the Health Sciences
- **Invasive and Non-invasive Methods Used for the Calibrations for Absolute Measurements in DF & CR via the De-Convolution Technique**  
Kui Ming Chui, PhD  
Image Enhancement Technology Ltd.
- **Lossy Compression as a Standard of Practice: A Pan-Canadian Study to Evaluate Compression Ratios for Use in National Guidelines**  
David A. Koff, MD  
Sunnybrook Health Science Centre
- **Phantom Evaluation of Collimator Choice and Scatter Correction on I-123 SPECT Images**  
Yu-Wen Yang, MS  
National Yang-Ming University
- **Quantitative Measurements of Diagnostic LCD Display Devices based on the AAPM TG18 Report**  
ChangLae Lee, MS  
Yonsei University
- **Selection of the Best Features for the Classification of Contour of Mammary Nodules Using Artificial Neural Networks**  
Renata Freitas Góes  
University of Sao Paulo
- **Shader Meta-programming Framework for Image Processing and General Purpose Computation on the GPU**  
Ananth V. Balasubramaniam  
Eigen, LLC
- **Smoothing Segmented Lung Boundary in Chest CT Images for Inclusion of Pleural Nodules**  
Yeny Yim, MS  
Seoul National University
- **Softcopy Presentation of Digital Mammograms in Relation to the Detected Size**  
Michael J. Flynn, PhD  
Henry Ford Health System
- **Stripe Artifacts Detection in Ultrasound Images**  
Adam Maciak  
University of Lübeck
- **The Enterprise Imaging Support Dashboard: Bringing IT All Together**  
Matthew B. Morgan, MD, MS  
University of Pittsburgh Medical Center
- **The Evaluation of the Temporal Bone and Related Lesions Using the Volume Rendering**  
Zuohua Tang, MD  
Eye Ear Nose & Throat Hospital, Fudan University

# Day 3 - Saturday, June 9

## KEY

- General Sessions
- Scientific Sessions
- Hot Topics
- SIIM University Sessions
- Roundtables

	Attendee Registration Hours 7:00 am - 5:00 pm		Exhibit Hall Hours 9:30 am - 1:00 pm	
7:00 am	PACS Workflow Management Roundtable 7:00 am - 8:00 am Westin Providence Hotel - Providence Ballroom II	PACS Professional Advancement Roundtable 7:00 am - 8:00 am Westin Providence Hotel - Kent/Bristol	PACS Troubleshooting Roundtable 7:00 am - 8:00 am Westin Providence Hotel - Providence Ballroom I	PACS High Availability Roundtable 7:00 am - 8:00 am Westin Providence Hotel - Washington/Newport
8:00 am	<b>SIIM U 7</b> <b>IHE</b> 8:00 am - 9:30 am Ballroom A  107 The IHE Organization 207 IHE Radiology in the Enterprise 307 Building National Health Records with IHE	<b>Hot Topic 5</b> Enterprise Education 8:00 am - 9:30 am Ballroom E	<b>Scientific Session</b> Imaging Informatics Administration 8:00 am - 9:30 am Ballroom C	
9:30 am	Refreshment Break in the Exhibit Hall			
10:15 am	<b>SIIM U 8</b> <b>Security</b> 10:15 am - 11:45 am Ballroom A  108 Basics of Network Security 208 Wireless Security 308 Hacked! – How Our Hospital Network Was Taken Down	<b>SIIM U 9</b> Digital Mammography 10:15 am - 11:45 am Ballroom C  109 Digital Mammography Technology Update, A Radiologist's Perspective 209 ACR Guideline on Determinants of Image Quality in Digital Mammography 309 Advances in Mammography Computer Aided Detection (CAD)	<b>Hot Topic 6</b> Imaging Informatics in Research (caBIG) 10:15 am - 11:45 am Ballroom E	
11:45 am	Visit the Exhibit Hall			
1:15 pm	<b>SIIM U 10</b> Enterprise Integration Strategies Toward the Multimedia EHR 1:15 pm - 2:45 pm Ballroom A  110 Image Management Beyond Radiology 210 Image Workflow Beyond Radiology 310 Advanced Integration Strategies Beyond DICOM and IHE	<b>Hot Topic 7</b> DICOM Update 1:15 pm - 2:45 pm Ballroom E	<b>Featured Scientific Session - Part I</b> Productivity and Workflow 1:15 pm - 2:45 pm Ballroom C	
2:45 pm	Refreshment Break			
3:30 pm	<b>Virtual Facility Tour Session</b> 3:30 pm - 5:00 pm Meeting Room 553 A/B	<b>Hot Topic 8</b> DICOM Calibration 3:30 pm - 5:00 pm Meeting Rooms 555 & 556	<b>Hot Topic 9</b> Leveraging IT Quality & Safety 3:30 pm - 5:00 pm Ballroom E  Breakout Session 5:00 pm - 6:00 pm Meeting Room 552 A/B	<b>Featured Scientific Session - Part II</b> Productivity and Workflow 3:30 pm - 5:00 pm Ballroom C
5:00 pm				

## • PACS WORKFLOW MANAGEMENT ROUNDTABLE ❖

7:00 am - 8:00 am  
Westin Providence Hotel – Providence Ballroom II

**MODERATOR**  
**David Wild**  
Fujifilm Medical Systems USA, Inc.

## • PACS PROFESSIONAL ADVANCEMENT ROUNDTABLE ❖

7:00 am - 8:00 am  
Westin Providence Hotel – Kent/Bristol

**MODERATOR**  
**Charles W. Socia, RT(R)(CT)(QM)**  
Arkansas Medical Imaging

## • PACS TROUBLESHOOTING ROUNDTABLE ❖

7:00 am - 8:00 am  
Westin Providence Hotel – Providence Ballroom I

**MODERATOR**  
**Christopher D. Meenan, MS**  
University of Maryland Medical System

## • PACS HIGH AVAILABILITY ROUNDTABLE ❖

7:00 am - 8:00 am  
Westin Providence Hotel – Washington/Newport

**MODERATOR**  
**Steve G. Langer, PhD**  
Mayo Clinic, Rochester

## • SIIM UNIVERSITY SECTION 7 ❖

### IHE

8:00 am - 9:30 am  
Ballroom A

#### SECTION HEAD

**David S. Channin, MD**  
Northwestern University Medical School

**107 The IHE Organization**  
Christopher D. Carr, MA  
Director of Informatics/RSNA

**207 IHE Radiology in the Enterprise**  
David S. Channin, MD  
Northwestern University Medical School

**307 Building National Health Records with IHE**  
Peter R.G. Bak, PhD  
VBM Services Inc.

*This session is offered in conjunction with the RSNA.*

## • HOT TOPIC SESSION 5

### ENTERPRISE EDUCATION

8:00 am - 9:30 am  
Ballroom E

#### SESSION CHAIR

**John A. Carrino, MD, MPH**  
Johns Hopkins University

#### PARTICIPANTS

**Krishna Juluru, MD**  
Johns Hopkins University

**George H. Bowers, MBA**  
Health Care Information Consultants, LLC

**Daniel L. Rubin, MD**  
Stanford University

## • SCIENTIFIC SESSION ❖

### IMAGING INFORMATICS ADMINISTRATION

8:00 am - 9:30 am  
Ballroom C

#### CO-CHAIRS

**Bradley J. Erickson, MD, PhD**  
Mayo Clinic, Rochester

**Charles E. Willis, PhD**

University of Texas, M.D. Anderson Cancer Center

• **PACS Policies and Procedures**  
Herman J. Oosterwyk, MS, MBA  
OTech, Inc.

• **Competencies for Successful Project Implementations**  
JoAnn Becker, MS, MBA  
TransformingHealthcare.Com

• **Support Planning for a Medical Imaging IT Program**  
Maria M. Damiano, MBA, RT  
Brigham & Women's Hospital

• **Curriculum Design and Content Specification for PACS Administrators' Continuing Education and Professional Development**  
Leonard S. AVECILLA, MS

• **Creating High-Performance IT Teams and Processes for Radiology: A Blended ITIL/CMM Approach**  
Christopher D. Meenan, MS  
University of Maryland Medical System

## • SIIM UNIVERSITY SECTION 8

### SECURITY

10:15 am - 11:45 am  
Ballroom A

#### SECTION HEAD

**Barton F. Branstetter IV, MD**  
University of Pittsburgh Health Systems

**108 Basics of Network Security ❖**  
Barton F. Branstetter IV, MD  
University of Pittsburgh Health Systems

**208 Wireless Security**  
Paul J. Chang, MD  
University of Chicago,  
Pritzker School of Medicine

**308 Hacked! – How Our Hospital Network Was Taken Down**  
James Jones, BS  
University of Pittsburgh

• **SIIM UNIVERSITY SECTION 9**

**DIGITAL MAMMOGRAPHY**

10:15 am - 11:45 am  
Ballroom C

**SECTION HEAD**

**J. Anthony Seibert, PhD**  
University of California - Davis Medical Center

**109 Digital Mammography Technology Update, A Radiologist's Perspective ❖**  
Margarita Zuley, MD  
Elizabeth Wende Breast Clinic

**209 ACR Guideline on Determinants of Image Quality in Digital Mammography**  
J. Anthony Seibert, PhD  
University of California - Davis Medical Center

**309 Advances in Mammography Computer Aided Detection (CAD)**  
Heang-Ping Chan, PhD  
University of Michigan

• **HOT TOPIC SESSION 6**

**IMAGING INFORMATICS IN RESEARCH (CABIG)**

10:15 am - 11:45 am  
Ballroom E

**SESSION CHAIR**

**Bradley J. Erickson, MD, PhD**  
Mayo Clinic, Rochester

**PARTICIPANTS**

**Eliot L. Siegel, MD**  
University of Maryland School of Medicine, VA Maryland Health Care System

**David S. Channin, MD**  
Northwestern University Medical School

**Daniel L. Rubin, MD**  
Stanford University

• **SIIM UNIVERSITY SECTION 10 ❖**

**ENTERPRISE INTEGRATION STRATEGIES TOWARD THE MULTIMEDIA EHR**

1:15 pm - 2:45 pm  
Ballroom A

**SECTION HEAD**

**Paul J. Chang, MD**  
University of Chicago, Pritzker School of Medicine

**110 Image Management Beyond Radiology**  
Gary J. Wendt, MD, MBA  
University of Wisconsin - Madison

**210 Image Workflow Beyond Radiology**  
Paul J. Chang, MD  
University of Chicago, Pritzker School of Medicine

**310 Advanced Integration Strategies Beyond DICOM and IHE**  
Paul J. Chang, MD  
University of Chicago, Pritzker School of Medicine

• **HOT TOPIC SESSION 7**

**DICOM UPDATE**

1:15 pm - 2:45 pm  
Ballroom E

**SESSION CHAIR**

**David A. Clunie, MBBS**  
RadPharm

**PARTICIPANTS**

**Robert Horn**  
Agfa Healthcare

**Lawrence R. Tarbox, PhD**  
Washington University School of Medicine

• **FEATURED SCIENTIFIC SESSION – PART I ❖**

**PRODUCTIVITY AND WORKFLOW**

1:15 pm - 2:45 pm  
Ballroom C

**CHAIR Eliot L. Siegel, MD**  
University of Maryland School of Medicine, VA Maryland Health Care System

**Redesigning the Radiology Reading Room to Maximize Productivity and Workflow: Practical Experience, Hints, and Recommendations**

**SPEAKERS Nabile Safdar, MD**  
University of Maryland School of Medicine

**Eliot L. Siegel, MD**  
University of Maryland School of Medicine, VA Maryland Health Care System

• **Data Collection in a Clinical Environment Using Real-Time Forms Automation Software and Mobile Hardware**  
Elodia B. Cole, MS  
University of North Carolina

• **Impact of a Notification Portal on Radiology Report Turn-Around-Times ❖**  
Parham Pezeshk, MD  
Brigham & Women's Hospital, Harvard Medical School

• **Increased Productivity and Room Efficiency in Transforming to Digital Radiography**  
Michael Ricciardone  
Bon Secours St. Francis Hospital

• **Enterprise Image Import Portal: Importing Studies from Outside Hospital CDs to PACS ❖**  
Michael T. Lu  
Brigham & Women's Hospital, Harvard Medical School

• **FEATURED SCIENTIFIC SESSION – PART II ❖**

**PRODUCTIVITY AND WORKFLOW**

3:30 pm - 5:00 pm  
Ballroom C

**CHAIR Eliot L. Siegel, MD**  
University of Maryland School of Medicine, VA Maryland Health Care System

**Utilizing IT Practices to Improve Radiology Operations**

**SPEAKER Rock Young**  
University of Maryland Medical Center

• **Improving Radiologist Productivity and Service to Referring Physicians, through PACS Automated Reporting, Voice Recognition Software, and Network Enhancement**  
Jeffrey W. Breedlove  
Haywood Regional Medical Center

• **Universal Imaging Workflow Orchestration - The Use of Independent Software Applications for Orchestration of Radiologist Workflow from Multiple RIS, PACS and Advanced Visualization Systems**  
Keith J. Dreyer, DO, PhD  
Massachusetts General Hospital

• **Improving Patient Care by Importing CDROMs with Prior Studies into PACS**  
William G. Weinberger  
Texas Children's Hospital

• **VIRTUAL FACILITY TOUR**

3:30 pm - 5:00 pm  
Meeting Room 553 A/B

**PANELISTS**

**Kevin W. McEnery, MD**  
Division of Diagnostic Imaging

**S. Jeff Shepard, MS**  
Division of Diagnostic Imaging

**Chuck Suitor, MS**  
Electronic Medical Record  
Development and Support

The University of Texas M.D. Anderson Cancer Center, one of the nation's leading cancer centers, is at the forefront of health care's digital transformation. The virtual tour will be shown throughout the conference. The session will provide an opportunity to meet with representatives from M.D. Anderson.

• **HOT TOPIC SESSION 8** ❖

**DICOM CALIBRATION**  
3:30 pm - 5:00 pm  
Meeting Rooms 555 & 556

**SESSION CHAIR**  
**Kenneth A. Fetterly, PhD**  
Mayo Clinic, Rochester

**PARTICIPANTS**  
**Michael J. Flynn, PhD**  
Henry Ford Health System

**Hans Roehrig, PhD**  
University of Arizona

• **HOT TOPIC SESSION 9**

**LEVERAGING IT FOR QUALITY AND SAFETY**  
3:30 pm - 5:00 pm  
Ballroom E

**SESSION CHAIR**

**Curtis P. Langlotz, MD, PhD**  
University of Pennsylvania Health System

**PARTICIPANTS**

**Ramin Khorasani, MD, MPH**  
Brigham & Women's Hospital,  
Harvard Medical School

**Paul G. Nagy, PhD**  
University of Maryland School of Medicine

**BREAKOUT SESSION**

**HOT TOPIC SESSION 9 -  
Leveraging IT for Quality  
and Safety**

5:00 pm - 6:00 pm  
Meeting Room 552 A/B

Join the session chair and participants in a lively breakout discussion immediately following the session.

**Day 4 - Sunday, June 10**

**KEY**

- General Sessions
- Scientific Sessions
- Hot Topics
- SIIM University Sessions
- Roundtables

Attendee Registration Hours 7:00 am - 10:00 am			
7:00 am	Open Source Roundtable 7:00 am - 8:00 am Westin Providence - Washington/Newport	RT Roundtable 7:00 am - 8:00 am Westin Providence - Kent/Bristol	PACS Administration Panel Discussion Roundtable 7:00 am - 8:00 am Westin Providence - Providence Ballroom I
8:00 am	<b>SIIM U 11</b> Economics 8:00 am - 9:30 am Ballroom C  111 Economics of PACS 211 Total Cost of Ownership: A Case Study 311 Realizing Value from IT Investments	<b>SIIM U 12</b> IIP Survival Guide: Getting Through the Night 8:00 am - 9:30 am Ballroom A  112 Things That Go Bump in the Night (Frequent PACS Failure Modes) 212 Having the Right Stuff (This Job Isn't for Everyone) 312 Tools of the Trade (The True Measure of a Geek)	<b>Hot Topic 10</b> Ask the Experts Panel  8:00 am - 9:30 am Ballroom E
9:30 am	Refreshment Break		
10:00 am	<b>Closing General Session</b> Biomedical Informatics: Its Relationship to Imaging Research and Practice <i>Edward H. Shortliffe, MD, PhD</i> 10:00 am - 12:00 pm Ballroom A		
12:00 pm			

## Closing General Session ❖

10:00 am - 12:00 pm  
Ballroom A

### KEYNOTE SPEAKER



**Edward H. Shortliffe, MD, PhD**

*Dean, University of Arizona College of Medicine – Phoenix, Professor of Basic Medical Sciences Professor of Biomedical Informatics, Arizona State University*

### Biomedical Informatics: Its Relationship to Imaging Research and Practice

Biomedical informatics is the scientific field that deals with biomedical information, data, and knowledge – their storage, retrieval and optimal use for problem solving and decision making. The field has broad applications across all of biomedicine, ranging from molecular and cellular processes (bioinformatics) to patient-oriented tasks (clinical informatics) and population-based policy and analysis (public health informatics). Imaging informatics is accordingly an important fourth area of the biomedical informatics application, with a wide variety of topics that draw upon core methods from the discipline.

In this presentation, Dr. Shortliffe will review the nature of the field, emphasizing its relationship to the world of imaging and clinical care. Practical issues in the use of informatics techniques will be emphasized, ranging from the need for more individuals trained at the intersection of computer science and medicine to the recurring barriers to systems implementation and use in both inpatient and outpatient settings. A major goal of the presentation will be to discuss how imaging informatics relates to the core science of informatics and to identify opportunities for synergies in the efforts of clinical and imaging informatics experts in both research and practice settings.

*The Roger A. Bauman Award for Best Student Paper will be presented at the Closing General Session.*

- ❖ Imaging Informatics Professional Roadmap
- ⌘ Student papers eligible for the Roger A. Bauman Award

## • OPEN SOURCE ROUNDTABLE

7:00 am - 8:00 am  
*Westin Providence Hotel – Washington/Newport*

### MODERATOR

**Paul G. Nagy, PhD**  
*University of Maryland School of Medicine*

## • RT ROUNDTABLE

7:00 am - 8:00 am  
*Westin Providence Hotel – Kent/Bristol*

### MODERATOR

**Shaun Hill, RT (R)**  
*High Point Regional Health System*

## • PACS ADMINISTRATION PANEL DISCUSSION ROUNDTABLE ❖

7:00 am - 8:00 am  
*Westin Providence Hotel – Providence Ballroom I*

### PANELISTS

**David Wild**  
*Fujifilm Medical Systems USA, Inc.*

**Charles W. Socia, RT(R)(CT)(QM)**  
*Arkansas Medical Imaging*

**Christopher D. Meenan, MS**  
*University of Maryland Medical System*

**Steve G. Langer, PhD**  
*Mayo Clinic, Rochester*

## • SIIM UNIVERSITY SECTION 11

### ECONOMICS

8:00 am - 9:30 am  
*Ballroom C*

### SECTION HEAD

**George H. Bowers, MBA**  
*Health Care Information Consultants LLC*

**111 Economics of PACS ❖**  
George H. Bowers, MBA  
*Health Care Information Consultants LLC*

**211 Total Cost of Ownership: A Case Study**  
Chris Pangiotopoulos  
*Lifebridge Health*

**311 Realizing Value from IT Investments**  
James Oakes  
*Health Care Information Consultants LLC*

## • SIIM UNIVERSITY SECTION 12 ❖

### IMAGING INFORMATICS PROFESSIONAL (IIP) SURVIVAL GUIDE: GETTING THROUGH THE NIGHT

8:00 am - 9:30 am  
*Ballroom A*

### SECTION HEAD

**Paul G. Nagy, PhD**  
*University of Maryland School of Medicine*

**112 Things That Go Bump in the Night (Frequent PACS Failure Modes)**  
Michael Toland  
*University of Maryland Medical System*

**212 Having the Right Stuff (This Job Isn't for Everyone)**  
Keith L. Skaer  
*BJC Health System*

**312 Tools of the Trade (The True Measure of a Geek)**  
Ron J. Sweeney  
*Spectrum Health*

## • HOT TOPIC SESSION 10

**ASK THE EXPERTS PANEL**  
8:00 am - 9:30 am  
*Ballroom E*

### SESSION CHAIR

**David L. Weiss, MD**  
*Geisinger Medical Center*

### PARTICIPANTS

**David S. Channin, MD**  
*Northwestern University Medical School*

**Khan M. Siddiqui, MD**  
*VA Maryland Health Care System*

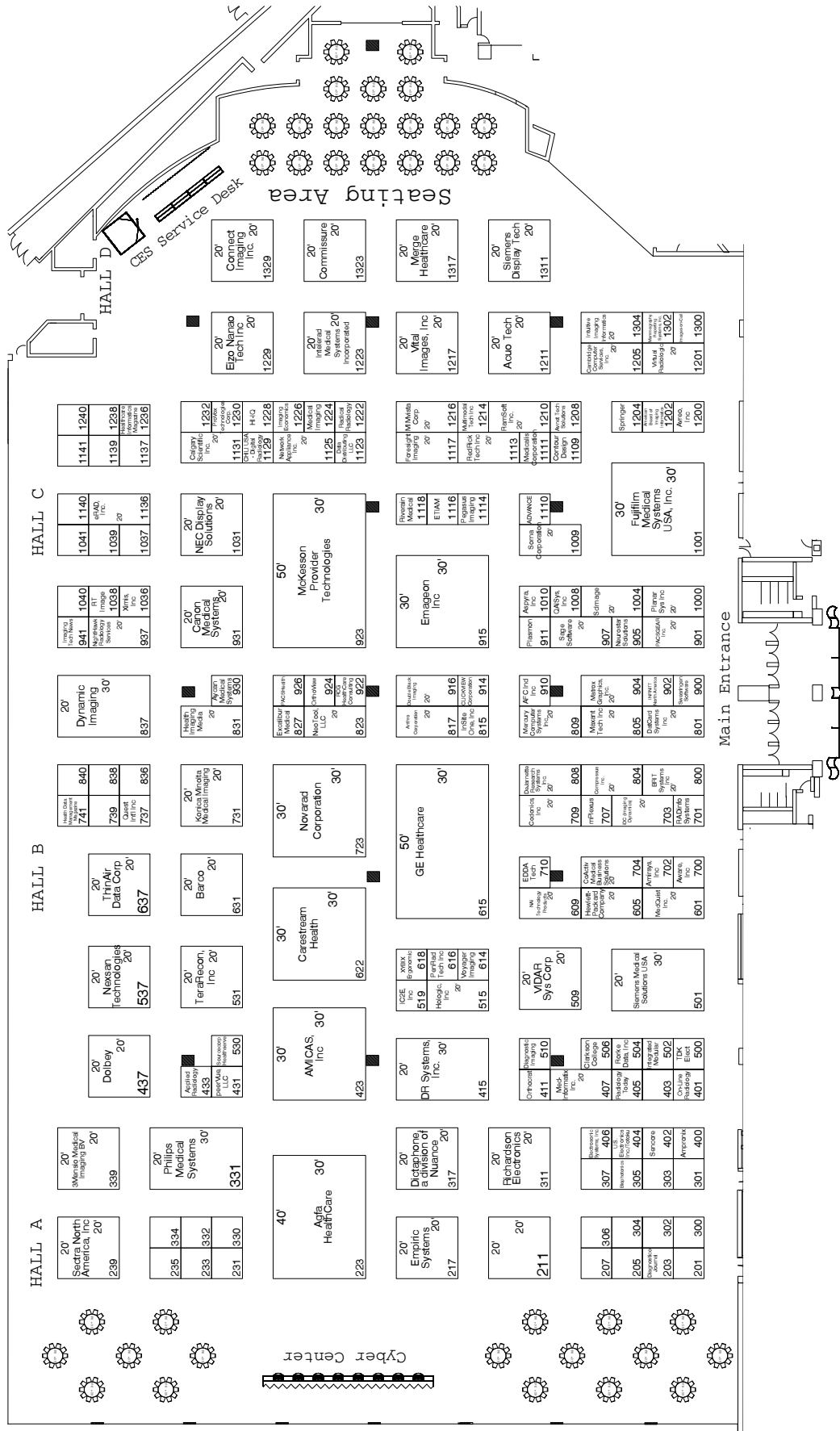
**Barton F. Branstetter IV, MD**  
*University of Pittsburgh Health Systems*

# Pre-conference and Ancillary Meetings and Events

Meeting/Event	Date	Location	Time
SIIM Imaging Informatics Professional Pre-conference Symposium	Wednesday, June 6	Rhode Island Convention Center Ballroom A	7:00 am - 8:30 am: Registration & Breakfast 8:30 am - 4:30 pm: Meeting
IRISS - IDXrad Radiology Information Systems Society Annual Educational Meeting	Wednesday, June 6	Westin Providence Hotel Narragansett Ballroom A	8:00 am - 9:00 am: Registration & Breakfast 9:00 am - 5:00 pm: Meeting
FUSUN - Fuji Users Synapse Users Network Annual Educational Meeting	Wednesday, June 6	Westin Providence Hotel Narragansett Ballroom B	8:00 am - 9:00 am: Registration & Breakfast 9:00 am - 5:00 pm: Meeting
SUMMIT - Society for Users of McKesson Medical Imaging Technology Annual Educational Meeting	Wednesday, June 6	Westin Providence Hotel Narragansett Ballroom C	8:00 am - 9:00 am: Registration & Breakfast 9:00 am - 5:00 pm: Meeting
DIAMOND – Dynamic Imaging Associated Members Organized for Networking and Discussion Annual Educational Meeting	Wednesday, June 6	Westin Providence Hotel Kent/Bristol	8:00 am - 9:00 am: Registration & Breakfast 9:00 am - 5:00 pm: Meeting
SIIM Board of Directors Meeting	Wednesday, June 6	L'Epicureo Restaurant The Hotel Providence	6:00 pm - 10:00 pm
SIIM 2007 Opening Brunch	Thursday, June 7	Rhode Island Convention Center Exhibit Hall	9:30 am - 1:15 pm
SIIM Fun Run	Friday, June 8	Meet outside the Rhode Island Convention Center	6:30 am - 7:30 am
SIIM Membership Business Meeting & Fellows Induction Lunch	Friday, June 8	Rhode Island Convention Center Ballroom A	12:00 pm - 1:00 pm
SIIM Welcome Reception	Friday, June 8	WaterFire Display Starting Point at WaterFire Park and Cafe Nuovo	Begins at sunset
Exhibitors Post-Show Meeting	Saturday, June 9	Rhode Island Convention Center Room 552 A/B	8:30 am - 9:30 am
JDI Editorial Board Meeting & Lunch	Saturday, June 9	Rhode Island Convention Center Room 551 A/B	12:00 pm - 1:00 pm
IIP Educational Advisory Network (EAN) Meeting	Saturday, June 9	Rhode Island Convention Center Room 557	12:30 pm - 2:30 pm
American Board of Imaging Informatics – Certification Pilot Testing	Saturday, June 9	Westin Providence Hotel Narragansett Ballroom A/B	3:00 pm - 6:00 pm
SIIM Annual Meeting Program Committee Meeting	Sunday, June 10	Rhode Island Convention Center Room 557	12:00 pm - 1:00 pm

# SIIM 2007 Exhibit Hall

### Rhode Island Convention Center, Level 3



# SIIM 2007 Exhibiting Companies

## 3Mensio Medical Imaging BV 339

[www.3mensio.com](http://www.3mensio.com)  
3Mensio Medical Imaging BV provides 3D medical visualization software running on standard PCs. By combining the trend of ever-increasing medical data coming from e.g. multislice CT and graphics power originated from the computer gaming industry, real-time advanced 3D images can be offered at affordable pricing levels.

## Acuo Technologies 1211

[www.acuotech.com](http://www.acuotech.com)  
Acuo's "DICOM Services Grid" is an enabling open systems software solution for all DICOM objects to facilitate a DICOM infrastructure built on a service oriented architecture that can aggregate query results, federate DICOM objects, virtualize and replicate storage assets built on a collaborative and extensible grid computing model.

## ADVANCE Newsmagazines 1110

[www.advanceweb.com](http://www.advanceweb.com)  
Merion Publications, Inc. is the company behind the ADVANCE Newsmagazines and ADVANCE Healthcare Shop. Our 31 publications, various Web sites and 32 job fairs serve more than 1.7 million healthcare professionals across the nation with news, career guidance, product information, job listings, professional products, and custom promotions.

## AFC Industries, Inc. 910

[www.afcindustries.com](http://www.afcindustries.com)  
AFC Industries is a leading designer and manufacturer of a line of high-quality Medical and Radiology Reading Room furniture, built to enhance performance, comfort and productivity. Our advanced design and quality workmanship, coupled with excellent value and customer service, sets the pace for the industry. AFC Industries is the place to find ergonomic Computer Desk, Computer Workstation, or LCD Monitor Arm.

## Agfa HealthCare Corporation 223

[www.agfa.com/healthcare](http://www.agfa.com/healthcare)  
Agfa HealthCare is a global leader in the market of integrated IT and imaging systems. Agfa's solutions offer healthcare facilities / hospitals a seamless flow of information, helping them become more efficient and effective. Agfa has over 100 years experience in radiology imaging and one out of two hospitals worldwide uses Agfa HealthCare customized applications.

## American Board of Imaging Informatics 1202

[www.abii.org](http://www.abii.org)  
The American Board of Imaging Informatics offers the Certified Imaging Informatics Professional (CIIP) examination. The certification program defines the standard to demonstrate knowledge and competence necessary for professionals in the field of Imaging Informatics and recognizes the distinct competencies that varying backgrounds bring to the profession. The first examination will held in September 2007.

## AMICAS, Inc. 423

[www.amicas.com](http://www.amicas.com)  
AMICAS is the leader in radiology and medical imaging and information management solutions. AMICAS Vision Series™ products and Amicas Insight™ Series products and services provide a complete end-to-end solution for imaging centers, ambulatory care facilities, and radiology practices. Acute care and hospital clients are provided a fully integrated HIS/RIS independent PACS, featuring advanced enterprise workflow support and scaleable design.

## Amirsys, Inc. 702

[www.amirsys.com](http://www.amirsys.com)  
STATdx™ is a clinical decision support system that's designed to support the practicing radiologist by increasing speed, accuracy and diagnostic confidence in complex cases. STATdx™ streamlines workflow by reducing the time required to research and complete a difficult imaging analysis. Its digital format sets it apart from a textbook and ensures radiologists have access to on-demand reference tools when needed.

## Ampronix, Inc. 400

[www.ampronix.com](http://www.ampronix.com)  
Ampronix, serving the medical community since 1982, provides multi-vendor LCD displays, CRT replacements and all of your PACS, radiology, and peripheral needs. We can help you bridge the gap from existing legacy modalities. Siemens to Sony. Service, warranty repair, exchanges and upgrades – most available next day. Call 800-400-7972 or 949-273-8000.

## Anthro Corporation 817

[www.anthro.com](http://www.anthro.com)  
Furniture solutions for radiology and medical applications. Products at the show range from sophisticated workstations and electric lift tables, to small carts that will take imaging equipment from OR to ER to bedside. See Carl's Table, the workstation that combines comfort, lighting and privacy to adapt to the way radiologists work.

## Applied Radiology 433

[www.appliedradiology.com](http://www.appliedradiology.com)  
Applied Radiology is a board-reviewed medical journal that focuses on imaging's clinical and management issues as well as meeting the needs of today's practicing radiologists, nuclear medicine physicians, technologists, and radiology administrators. Logon to [www.appliedradiology.com](http://www.appliedradiology.com) where articles, cases and editorials are archived.

## Aspyra, Inc. 1010

[www.aspyra.com](http://www.aspyra.com)  
Aspyra is a provider of Clinical Information Systems (CIS), Picture Archive Communication Systems (PACS) and Clinical Image Management Systems (CIMS) for hospitals, multi-specialty clinics, clinical laboratories, imaging departments and centers, orthopedic environments and pharmacies. Aspyra's highly scalable systems can be installed standalone or integrated to provide a single-vendor, enterprise-wide solution.

## Avnet Technology Solutions 1208

[www.ats.avnet.com](http://www.ats.avnet.com)  
Avnet Technology Solutions, an operating group of Avnet, Inc. (NYSE:AVT), is the leading technology distributor in

healthcare, delivering infrastructure solutions and related services with world-class healthcare partners. Through its dedicated practice, Avent HealthPath™, the company enables its partners to build and grow profitable healthcare sales practices at a lower cost.

## Avreo, Inc. 1200

[www.avreo.com](http://www.avreo.com)  
Designed as the first complete solution for radiology, Avreo's Interworks encompasses all the features a busy practice needs to operate efficiently. Information systems, image storage and distribution, scheduling and transcription – items that until now required separate software and vendors are now bundled into one easy-to-operate solution.

## Aware, Inc. 700

[www.aware.com/jpeg2000](http://www.aware.com/jpeg2000)  
Aware is a leading provider of standards-based software toolkits and solutions for compression, delivery, and display of medical images. Aware's AccuRad solutions include JPEG2000 compression, DICOM JPIP image streaming, and browser-based image display with AccuRad DICOMView. DICOMView may also be used in other viewing applications and includes features needed for fast and efficient review of images over bandwidth-constrained networks.

## aycan Medical Systems 930

[www.dicom-paper-print.com](http://www.dicom-paper-print.com)  
aycan's xray-print™ solution lets you print radiological and other medical images on plain paper at near film quality for less than 10 cents per print. It fits seamlessly into both traditional and PACS workflows to provide a low-cost solution for sharing images with referral physicians and patients.

## Barco 631

[www.barco.com/medical](http://www.barco.com/medical)  
Barco has established a solid reputation in the medical imaging market by providing healthcare facilities with high-quality grayscale and color display technology, software tools for advanced visualization and QA, and custom imaging solutions. Barco's medical imaging technology improves patient care by facilitating confident diagnoses, increasing productivity and reducing costs.

## Biophotonics International 305

[www.Photonics.com/bio](http://www.Photonics.com/bio)  
Biophotonics International magazine is designed for people who are using photonic technology in medical or biotechnical products and procedures, and for key researchers who are looking for new techniques and products to solve their problems. It is distributed free to those who use or apply photonics.

## BRIT Systems, Inc. 800

[www.brit.com](http://www.brit.com)  
BRIT Systems provides turnkey PACS, RIS and Teleradiology based on industry standards. Manageability of all processes is a keystone in BRIT's product design as exemplified with the GUI-based Exam Loop. Products include 3-D imaging tools, film digitizers, frame grabbers, standalone DICOM router, redundant servers and advanced workstations for multi-modality diagnostic and breast imaging, QC, and CCOW-enabled web-based viewers.

## Calgary Scientific, Inc. 1131

[www.calgaryscientific.com](http://www.calgaryscientific.com)  
Calgary Scientific Medical Group unveils affordable, FDA-approved, world-class visualization software designed for small to medium-sized hospital CT and MR diagnostic services. ResolutionMD, Core, Cardiac, Vessel, Ortho, and Neuro software delivers solutions through a simple, fast, flexible and intuitive software suite that integrates with your PACS and EMR and other office applications on your PC or Mac.

## Cambridge Computer Services, Inc. 1205

[www.cambridgecomputer.com](http://www.cambridgecomputer.com)  
Cambridge Computer is a national integrator specializing in storage networking and data protection solutions. We are celebrating our 16th successful year in business. We provide comprehensive solutions drawing on best-of-breed hardware and software from multiple manufacturers. Our professional services include consulting, integration, project management, and knowledge transfer. Headquartered in Boston with offices in many major metropolitan areas.

## Canon Medical Systems 931

[www.usa.canon.com](http://www.usa.canon.com)  
Canon Medical Systems offers a full range of Digital Radiography solutions for every general and portable radiographic application. Canon's innovative Flat Panel Detector technology, the CXDI-50G offers the advantage of a large imaging area (14" x 17") in a lightweight, ultra-thin sensor unit with the ability to retrofit/upgrade to your existing x-ray equipment.

## Carestream Health 622

[www.carestreamhealth.com](http://www.carestreamhealth.com)  
In addition to RIS/PACS, Carestream Health offers information management solutions that deliver enterprise and regional management for DICOM and non-DICOM information and images, and hosted information management that delivers business continuity and disaster recovery through use of a remote data center. CARESTREAM architecture can be scaled to meet the needs of healthcare providers or regional networks of all sizes.

## CHILI USA-Digital Radiology 1129

[www.chilirad.com](http://www.chilirad.com)  
CHILI USA is the US distribution arm of CHILI PACS software. The software is developed by CHILI GmbH in Heidelberg, Germany, and is based on 15 years of scientific research conducted in partnership with the German Cancer Research Center. The software suite includes diagnostic workstation clients, a web-enabled delivery engine for clinic archive access and a fully integrated cooperative teleradiology system.

## Clarkson College 506

[www.clarksoncollege.edu](http://www.clarksoncollege.edu)  
It Can Be You! Picture yourself with a rewarding career in Allied Health. As a professional in the field, now is the time to take your career higher. Choose from the following state-of-the-art online or on-campus programs through our division of Allied Health: Medical Imaging, PACS Administrator, PACS Manager, Radiologic Technology.

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- CLICKVIEW Corporation** 914  
[www.clickview.com](http://www.clickview.com)  
 CLICKVIEW Corporation is the leading provider of Enterprise Structured Reporting (SR) for OB, Carotid Vascular and General Ultrasound and selected SR for CT/MR. Outbound Reports are sent to EMR/HIS/RIS in text and image formats via HL-7 and DICOM wrap. CLICKVIEW 7i Web Database improves Quality of Patient Care, Streamlines Departmental Workflow and Lowers Costs. Visit [www.clickview.com](http://www.clickview.com) for Live Demo, Sample Reports and Technical Information.
- CoActiv Medical Business Solutions** 704  
[www.coactiv.com](http://www.coactiv.com)  
 CoActiv EXAM-PACS, provides an affordable but powerful PACS solution, scalable from small single sites to enterprise installations. EXAM-PACS has a 100% uptime record and includes: Quad-Redundant and On-line Archiving, Referring Physician Module and an Exam-CD Burner. Easy installation as a full solution or as a modular enhancement to an existing PACS.
- Codonics, Inc.** 709  
[www.codonics.com](http://www.codonics.com)  
 Codonics provides the most comprehensive, economical image documentation solutions available in the PACS era from film to grayscale paper, color paper, CD & DVD, our products provide referring physicians with tools for professional patient consultations, and offer a unique marketing package that separates you from the competition. Codonics offers more ways to increase productivity, improve workflow, cut costs and grow your business.
- Commissure** C 1323  
[www.commissure.com](http://www.commissure.com)  
 Commissure, Inc. is a different kind of medical imaging company working to create convergence technologies so healthcare professionals can fully utilize their high cost medical imaging IT infrastructure. Commissure offers next-generation structured speech reporting, multi-site workflow orchestration, order entry and decision support, along with an advance clinical data mining application.
- Compressus, Inc.** 804  
[www.compressus.com](http://www.compressus.com)  
 Compressus MEDxConnect technology provides an affordable connectivity solution that enhances interoperability between multiple disparate information systems such as diagnostic systems, HIS, RIS, PACS acquisition and storage devices. The key components of the MEDxConnect enterprise integration solutions include: the Medical Message Mediator (M3), the Virtual Worklist and the Systems Management Dashboard (SMD).
- Connect Imaging, Inc.** 1329  
[www.connectimaging.com](http://www.connectimaging.com)  
 Connect Imaging Inc. provides affordable, customizable PACS for independent imaging centers and community hospitals. Come see our dedicated breast imaging PACS, with a radiologist workstation that can automatically hang any mammography study, a technologist workstation for reviewing prior studies before the exam and the current study before it is sent to PACS, and a film digitizing station for digitizing prior studies.
- Contour Design, Inc.** 1109  
[www.contourdesign.com/rollermouse](http://www.contourdesign.com/rollermouse)  
 Our award-winning ergonomic alternative computer input-devices such as the RollerMouse Pro, Shuttle Pro, and Perfit Mouse help medical professionals work more safely and with greater comfort on their computer workstations. By minimizing repetitive motion and the physical discomfort it can cause, radiologists are increasing their efficiency in navigating through data sets.
- Data Distributing, LLC** 1123  
[www.dataistributing.com](http://www.dataistributing.com)  
 Founded in 1984, Data Distributing specializes in DICOM solutions including medical display monitors, Micro-PACS, filmless image distribution, and import and digitization products. Their turnkey solutions are designed to increase workflow, reduce expenses and provide you with a seamless transition into a digital imaging environment.
- DatCard Systems, Inc.** C 801  
[www.datcard.com](http://www.datcard.com)  
 DatCard Systems, makers of the PacsCube and MammoSmart solution, a network-connected device that seamlessly records images and report with a DICOM viewer of your choice on to CD-R/DVD-R. MammoSmart empowers patients with their complete mammography history and breast care information onto a CD-R/DVD-R. Each disc also contains educational patient information, personal demographics and insurance information.
- DeJarnette Research Systems, Inc.** C 808  
[www.dejarnette.com](http://www.dejarnette.com)  
 DeJarnette provides legacy PACS data migration tools and services and a variety of PACS workflow enhancement solutions. PACS workflow enhancements include multislice CT order rationalization, nighthawk and pre-fetch routing, QA date cleansing and order rationalization from any modality, and improved DICOM connectivity for the VA Vista system.
- Diagnostic Imaging** N 510  
[www.diagnosticimaging.com](http://www.diagnosticimaging.com)  
 Diagnostic Imaging and [diagnosticimaging.com](http://diagnosticimaging.com) are the leading print and online resources for objective, timely information on clinical, economic, technology and practice trends that affect radiology professionals. For over 26 years, Diagnostic Imaging's experienced editors have provided comprehensive coverage and analysis of the full spectrum of medical imaging's role in diagnosis, treatment and prevention.
- Diagnostic Journal** 203  
[www.diagnosticjournal.com](http://www.diagnosticjournal.com)  
 Diagnostic Journal is the newsmagazine of the medical imaging and information technology field, providing analysis of trends and developments; feature length coverage of technical innovations; new products and industry perspectives; news on managed care, socioeconomic issues, meetings and conferences, continuing education, and literature relevant to medical imaging.
- Dictaphone, a division of Nuance** 317  
[www.dictaphone.com](http://www.dictaphone.com) C  
 Dictaphone PowerScribe Workstation for Radiology from Nuance is used by more hospital and independent imaging centers than any other speech recognition system. Integration with leading PACS/RIS systems assures highly efficient physician-friendly Radiology reporting. Optimized for high-accuracy, real-time speech recognition and self-editing to meet the demanding requirements of the order-driven reporting environment, PowerScribe is showing dramatic cost savings and speeding report turnaround.
- Dolbey** N 437  
[www.dolbeyco.com](http://www.dolbeyco.com)  
 Dolbey's suite of products, called FUSION, is built with an open architecture and SQL and HL7 industry standards allowing full integration with virtually any HIS, dictation or interface engine. A Philips Technology Partner, Dolbey is at the forefront of the industry with FUSION SPEECH, the most integrated and advanced speech recognition solution. Dolbey has over 3,500 accounts worldwide and over 50 authorized sales, service and support centers nationwide.
- Double Black Imaging** 916  
[www.doubleblackimaging.com](http://www.doubleblackimaging.com)  
 Double Black Imaging is the North American Distributor and service center for WIDE LCD systems. DBI's line includes 1MP to 5MP LCDs with retractable front sensors for remote DICOM 3.14 Calibration. Each display systems includes the LCD(s), Graphic controller and Calibration Software. Systems also include administrative software and bonded protective panels.
- DR Systems, Inc.** C 415  
[www.dominator.com](http://www.dominator.com)  
 DR Systems is a leading provider of integrated RIS/PACS, dictation, voice recognition, transcription, advance image processing, document imaging, printing, faxing, computed radiography, management reporting and Internet image/results distribution systems, and associated interfaces. DR Systems' patented, automated, and comprehensive approach to image management delivers film-free efficiency in a highly flexible manner.
- Dynamic Imaging** C 837  
[www.dynamic-imaging.com](http://www.dynamic-imaging.com)  
 Dynamic Imaging is on the forefront of image and information management, bringing affordable filmless and paperless operations to the entire imaging community. IntegradWeb PACS continues to set the standard for Web-based PACS for all care settings, and the IntegradWeb RIS/PACS is rapidly resetting Web-based RIS/PACS expectations for ambulatory practices of all sizes.
- EDDA Technology, Inc.** N 710  
[www.edda-tech.com](http://www.edda-tech.com)  
 IQQA@-Chest Enterprise is the only FDA-cleared solution to offer real-time interactive analysis of chest x-rays at PACS review stations. Through a unique enabling solution developed by EDDA, the full functionality of the IQQA-Chest CAD application can be accessed instantly by radiologists at their primary PACS reading stations, providing on-demand support in their identification, confirmation and quantification of lung nodules.
- eRAD, Inc.** 1136  
[www.eradpacs.com](http://www.eradpacs.com)  
 eRAD, an industry leader in radiology workflow solutions, offers scalable, web-enabled PACS products and integrated RIS. eRAD's solutions offer an extraordinary level of functionality, security, fault tolerance, and web accessible archive. eRAD RIS/PACS provides image management and workflow tools for hospitals, satellite facilities, clinics, imaging centers and a variety of group and specialty practices.
- Eizo Nanao Technologies, Inc.** 1229  
[www.radiforce.com](http://www.radiforce.com)  
 EIZO RadiForce LCD monitors are specially designed in 1, 2, 3, and 5 MP, monochrome and color solutions, for use in all medical imaging modalities. They take into account the needs of each modality and can provide DICOM calibration and high-performance capabilities required for confident diagnosis.
- Electrosonic Systems, Inc** 406  
[www.vn-matrix.com](http://www.vn-matrix.com)  
 Electrosonic's VN-MATRIX, IP Video and Graphic interface supports distribution of real-time, high-resolution computer and HD video across LANs, WANs and VPNS. Medical applications include: Endoscopy, Fluoroscopy, Ultrasound and HD video for Operating Theaters. VN-MATRIX Recorder allows event and training imagery to be stored and played back and preparation of transportable training media.
- Emageon Inc.** C 915  
[www.emageon.com](http://www.emageon.com)  
 Emageon provides an enterprise-level advanced visualization and infrastructure solution for the clinical analysis and management of 2D and 3D medical images and related content. Its open standards-based solution is designed to help customers improve staff productivity, automate complex medical imaging workflow, lower total cost of ownership and provide better service to physicians and patients.
- Empiric Systems** 217  
[www.empiricsystems.com](http://www.empiricsystems.com)  
 Encompass.NET, our single database, web-based radiology management system built on Microsoft's latest .NET platform, comes with complete RIS, PACS, and billing capabilities that will improve your radiology operation and save you money. With the release of Encompass.NET 5.0, features include an entirely re-engineered GUI, "profile-based" advanced scheduling, embedded instant messaging, charting/graphing of management reports, radiologist-designed web viewer/workflow, and RightFax integration.
- ETIAM** 1116  
[www.etiam.com](http://www.etiam.com)  
 ETIAM is specialized in DICOM applications and medical imaging connectivity solutions. ETIAM provides software and utilities to Healthcare and Imaging technology providers (integrators, distributors and regional dealers).
- Excalibur Medical Imaging** N 827  
[www.excaliburmed.com](http://www.excaliburmed.com)  
 National teleradiology company providing 24/7 coverage specializing in cost-effective solutions through understanding the unique needs of hospitals, radiology groups and imaging centers. We offer emergent and final reads while building strong relationships with referring physicians, technical staff and ER departments.
- Foresight Imaging** 1117  
[www.tims.com](http://www.tims.com)  
 The TIMS DICOM System converts any medical imaging modality to DICOM. The resulting study can be sent to PACS, recorded to CD/DVD, and printed to a DICOM or Windows printer. TIMS is also available as a software-only solution for converting JPG, BMP, and AVI files to DICOM.
- Fujifilm Medical Systems USA, Inc.** C 1001  
[www.fujimed.com](http://www.fujimed.com)  
 Fuji is a leading provider of PACS, digital x-ray systems, women's healthcare solutions, dry imagers and film. Fuji Computed Radiography (FCR) includes high quality, cassette-based and cassetteless systems for every imaging environment. Synapse® PACS features innovative technologies to meet the image, information, visualization and navigation requirements of radiology departments. Fuji has the experience and vision to lead facilities into the future.

**GE Healthcare** **C** 615  
[www.gehealthcare.com](http://www.gehealthcare.com)  
 Centricity imaging solutions has taken the industry demand for and utilization of imaging procedures and removed the technological, geographical and departmental barriers through powerful imaging and information management solutions. Centricity Radiology (RIS-IC/PACS) and Centricity Cardiology solutions optimize specialty care throughput and provides immediate access to significant clinical findings and associated images enabling an organization to provide world-class patient care while maintaining financial viability.

**Health Data Management Magazine** **N** 741  
[www.healthdatamanagement.com](http://www.healthdatamanagement.com)  
 Health Data Management magazine provides timely insights on how health care organizations can use information technologies to achieve business goals and improve the quality of care. It also offers an award-winning Web site, a Virtual Trade Show, and Web Seminars.

**Health Imaging Media** **831**  
[www.healthimaging.com](http://www.healthimaging.com)  
 Health Imaging Media is the leading news, business and technology publisher in medical imaging and healthcare information technology. Healthcare executives turn to Health Imaging Media's print and online resources for practical insight to boost workflow, reduce costs, and manage their departments and facilities more efficiently through the application of image and information management systems.

**Healthcare Informatics Magazine** **1236**  
[www.healthcare-informatics.com](http://www.healthcare-informatics.com)  
 Healthcare Informatics' mission is to provide impartial, incisive coverage on healthcare information technology. It strives to distill critical information to help healthcare executives make the best use of their time, staff and IT investments. Healthcare Informatics offers practical guidance and evaluations on information technology that can help executives meet their responsibilities on budget as well as improve efficiency in their organizations.

**Hewlett-Packard Company** **605**  
[www.hp.com](http://www.hp.com)  
 HP provides innovative technology, IT services and partnerships to enable healthcare organizations to improve the quality of care they deliver. HP servers, storage and services enable Healthcare organizations investing in Medical Imaging and PACS Solutions to meet the growing demand for fast, scalable, secure access to images, reports and exam results throughout the healthcare enterprise.

**HI-IQ** **N** **1228**  
[www.hi-iq.com](http://www.hi-iq.com)  
 HI-IQ provides effective solutions for a diverse range of IR needs. The HI-IQ software system captures and reports on comprehensive patient, procedural and inventory data. It facilitates compliance with Quality Improvement initiatives, encourages billing accuracy, allows resource utilization and efficiency analysis, & Just-in-Time inventory management.

**Hologic, Inc.** **C** **515**  
[www.hologic.com](http://www.hologic.com)  
 Hologic is leading the way in women's health with a new dimension in workflow productivity. SecurView Workstations add unprecedented flexibility and support to busy imaging centers by allowing radiologists to review and interpret images with total interactive ease. R2 Computer Aided Technology (CAD) provides radiologists with a valuable interpretive tool for early detection of breast cancer.

**IC2E, Inc.** **519**  
[www.IC2E.com](http://www.IC2E.com)  
 IC2E, Inc. is a collaborative healthcare network through the communication, exchange and integration of all medical systems, across clinical and hospital regions.

**IDC (Imaging Dynamics)** **C** **703**  
[www.imagingdynamics.com](http://www.imagingdynamics.com)  
 IDC offers an extensive family of products, which can be found in many leading medical and healthcare facilities, throughout 30 countries worldwide. IDC's Xplorer product line is based on a patented process using a very high-density Charge Couple Device (CCD) camera. Our goal is to provide the highest image quality at the lowest system cost.

**Images-on-Call** **1300**  
[www.ioc.bz](http://www.ioc.bz)  
 Introduced in 1988, Images-on-Call™ has become the benchmark of teleradiology technology. IOC offers a full array of components to streamline your PACS and Teleradiology system integration, including extensive DICOM connectivity and Internet transmission via IOC Sockets™ and IOC Telerad Private Network (TNP) products. WorkStations designed to "Hang On Any PACS!™"; Film Digitizers (PACS Appliance); & introducing the most HIPAA-compliant remote imaging device: IOC QuickView Key.

**Imaging Economics** **1226**  
[www.imagingeconomics.com](http://www.imagingeconomics.com)  
 Imaging Economics - Business Solutions for the Medical Imaging Industry. Imaging Economics reaches executive level readers responsible for the business of technology and products for the health care facility. Serving radiologists, practice presidents, CIOs, CEOs and other C-level management titles, it provides intelligence on the strategic deployment of imaging technology, software and products through interviews, case studies and best practices.

**Imaging Technology News** **941**  
[www.RCGonline.net](http://www.RCGonline.net)  
 Our publications showcase the latest, most innovative PACS, RIS, connectivity and diagnostic imaging technologies. Edited for clinicians, radiology administrators, hospital administrators, IT professionals, technicians and purchasing decision-makers in hospitals and imaging centers, Imaging Technology News and Outpatient Care Technology feature product comparison charts, technology overviews, case studies, and connectivity solutions.

**INFINITT North America, Inc.** **C** **902**  
[www.infinittna.com](http://www.infinittna.com)  
 INFINITT North America is the leading medical imaging and information management company, specializing in comprehensive, affordable PACS enterprise solutions to healthcare facilities of all sizes. INFINITT develops, provides and markets RIS, PACS and 3D solutions. With the INFINITT Radiology Suite, healthcare facilities can now operate PACS, RIS and 3D from one interface and one database.

**InSite One, Inc.** **C** **815**  
[www.insiteone.com](http://www.insiteone.com)  
 InSiteOne, Inc. is the leading medical imaging archiving service for diagnostic imaging. Beginning with the versatile suite of InDex® Web-enabled archiving services combining on-and-off storage with built-in disaster recovery, InDex offers cost-effective solutions that integrate seamlessly with any PACS, HIS and digital media via DICOM standards.

**Integrated Modular Systems, Inc.** **502**  
[www.imsimed.com](http://www.imsimed.com)  
 Integrated Modular Systems, Inc. provides scalable and standards-driven web-based image/report distribution with imsiPACS™, imsiHAWK™ Teleradiology, and imsiRESULTS™, with optional speech recognition. The imsiSuperstation™ offers fast 3D and 4D volume post processing. ImageWebGate™ Premium Teleradiology Service includes archiving, disaster recovery, and business continuity.

**Intelrad Medical Systems Incorporated** **1223**  
[www.intelrad.com](http://www.intelrad.com)  
 Intelrad Medical Systems is a leading PACS provider for radiology clinics and hospitals. With over 400 PACS installations in the United States, Australia, Canada, New Zealand, and the United Kingdom, Intelrad has an excellent record of customer retention and its highly acclaimed IntelePACS and InteleViewer products are well respected within the industry.

**Intuitive Imaging Informatics** **1304**  
[www.intuitiveimaging.com](http://www.intuitiveimaging.com) **N**  
 With a 20-year history, Los Angeles-based Intuitive Imaging Informatics offers an integrated imaging solution comprised of the Rational Imaging PACS and Web-based PACS, the ImageQube. Storage is provided with Intelli-NAS products. All are HIPAA compliant, and independently interoperable with other PACS components. Intuitive's technologies are found in nearly 300 facilities.

**Konica Minolta Medical Imaging USA, Inc.** **C** **731**  
<http://medical.konicaminolta.us>  
 Konica Minolta Medical Imaging USA, Inc., is a leading manufacturer/distributor of digital and traditional imaging products for diagnostic use by hospitals, imaging centers, clinics and private practice physicians. Leading products include: REGIUS family of Computed Radiography Systems, the DRYPRO family of laser imagers and image networks, NetStar Image Management Solutions, medical, lasers and specialty films and film processing equipment.

**Mammography Reporting System, Inc.** **N** **1302**  
[www.mrsys.com](http://www.mrsys.com)  
 Mammography Reporting System, Inc., is the leader in mammography reporting and tracking systems with over 2,400 mammography facilities in the United States and abroad. The system offers solutions such as One-Touch™ Reporting to make short work of most cases, flexible letter generation, robust statistical reporting, and paperless workflow options.

**Matrox Graphics, Inc.** **904**  
[www.matroxmed.com](http://www.matroxmed.com)  
 Matrox brings its experience and award-winning technology to the medical imaging market with display controller boards designed for medical imaging. Matrox medical display controller boards, including Matrox AuroraVX, Matrox MED, Matrox RAD and Matrox TheatreVUE

Series, along with other OEM technology, offer flexible multi-display options and stunning image quality for diagnosis and review.

**Maxant Technologies, Inc.** **805**  
[www.maxant.com](http://www.maxant.com)  
 Maxant Technologies, Inc. presents the MediPort, a digital display solution in a view box footprint. The MediPort integrates all the feature-rich functionality of diagnostic imaging systems directly into the diagnostic or clinical review process. System benefits include space conservation, reduction in renovation costs, and maintaining workflow while accessing digital images.

**McKesson Provider Technologies** **923**  
[www.mig.mckesson.com](http://www.mig.mckesson.com) **C**  
 McKesson Corporation is a Fortune 16 healthcare services and information technology company dedicated to helping our customers deliver high-quality healthcare by reducing costs, streamlining processes and improving the quality and safety of patient care. Our Horizon Radiology solution showcases a comprehensive enterprise image management and workflow solutions for healthcare organizations of all sizes. Our other solutions automate workflow for cardiology, endoscopy and clinical specialties throughout the enterprise.

**Medical Imaging** **1224**  
[www.medicalimagingmag.com](http://www.medicalimagingmag.com)  
 Medical Imaging - Products and Technology for the Medical Imaging Industry. Medical Imaging serves radiologists and imaging professionals involved in the selection, purchase and use of products and technology in hospitals, group practices, freestanding imaging/surgical centers, medical centers, radiation oncology centers. Medical Imaging provides the necessary insight to make informed decisions on product purchases through in-depth product information and technology reports.

**Medicalis Corporation** **1111**  
[www.medicalis.com](http://www.medicalis.com)  
 Medicalis is a provider of radiology decision support and ordering workflow solutions. Medicalis solutions integrate evidence-based medicine with web-based order entry to provide clinical guidelines at the point-of-care. Medicalis solutions help radiology clinics meet quality goals and increase operational effectiveness. New products include radiology benefits management tools that facilitate and automate the pre-authorization process for multiple managed care programs.

**Medinformatix, Inc.** **407**  
[www.medinformatix.com](http://www.medinformatix.com)  
 Medinformatix offers a RIS with an award-winning, fully integrated EMR and Practice Management System. Combined with PACS and DICOM enabled technology, they create a totally paperless/filmless environment, supporting all practice needs including scheduling, billing, collections, claims, image viewing, medical records, dictation/transcription, reports, referrals, lab and more.

**MedQuist, Inc.** **601**  
[www.medquist.com](http://www.medquist.com)  
 MedQuist's SpeechQ for Radiology™ was ranked #1 by its customers for front-end speech recognition in the KLAS 2006 Speech Recognition Report. The combination of superior accuracy and integration with leading RIS/PACS solutions optimizes radiologists' workflow, significantly improving the report turnaround time and documentation costs.

**N** New Exhibitors  
**C** SIIM Corporate Member

- Mercury Computer Systems, Inc.** 809  
*www.mc.com*  
Mercury Computer Systems is the leading provider of computing systems and software for data-intensive applications that include image processing, signal processing, and visualization. We work closely with customers to architect comprehensive, purpose-built solutions that capture, process, and present data for medical, defense, seismic, scientific, and other computationally challenging markets.
- Merge Healthcare** C 1317  
*www.merge.com/NA/index.asp*  
Merge Healthcare is focused on accelerating productivity for radiology departments and specialty practices, imaging centers and hospitals. Combining sophisticated RIS, PACS, advanced visualization and clinical imaging applications, Merge delivers integrated end-to-end software solutions and professional services that transform the way our customers interact with referring physicians, improve workflow management, business positioning, and delivering imaging and information services to their customers.
- MIMvista Corporation** 1216  
*www.mimvista.com*  
MIM, developed by MIMvista Corp., is a software package that provides unparalleled functionality as an image review workstation for the analysis and fusion of images acquired on both separate and combination scanners. MIM provides unmatched efficiency and time saving features.
- mPlexus** N 707  
*www.mplexus.com*  
DICOM eXtender is a robust, cost-effective DICOM server application with programmable routing, auto query/move, compression and encryption. DICOM eXtender is designed to help Radiology groups and Teleradiology providers achieve greater proficiency accessing and delivering images between disparate PACS systems securely across the Internet without the need for VPN tunnels.
- Multimodal Technologies, Inc.** 1214  
*www.mmodal.com*  
M\*Modal offers speech recognition-based conversational documentation services that help healthcare providers capture discrete clinical information from dictation to generate complete and timely electronic medical records. The company's unique speech understanding technology platform, AnyModal™ CDS, is a vital tool that empowers physicians to capture clinical facts and orders from dictation without requiring any change to their normal dictation routine.
- NAI Technology Products** 609  
*www.dicombox.com*  
NAI Tech Products is a market leader supplying cutting-edge video capture, DICOM network connectivity, network and modality-based media burners and print management solutions used in diagnostic imaging applications, surgery, and PACS. Visit NAI for product demonstrations and information on MDR, DICOM box and PACS Print Server Software.
- NEC Display Solutions** 1031  
*www.necdisplay.com*  
The NEC MultiSync® MD Series of medically certified LCD monitors is designed exclusively for the demanding needs of the diagnostic professional. The 21.3" grayscale 2-MegaPixel and 3-MegaPixel displays feature the X-Light™ backlight system, which allows for consistent brightness and white point levels throughout the life of the monitor - the basis for excellent diagnostic quality.
- NeoTool, LLC** 823  
*www.neotool.com*  
NeoTool provides software that integrates PACS, RIS, EMR, and other healthcare applications to foster greater radiologist productivity and streamline operational workflows. To ensure greater quality in clinical data exchanges between applications, NeoTool delivers a powerful point-and-click solution that builds, tests, and manages critical interfaces for imaging centers.
- Network Appliance, Inc.** 1125  
*www.netapp.com*  
Network Appliance is a world leader in unified storage solutions for today's data-intensive enterprise. Since its inception in 1992, Network Appliance has delivered technology, product, and partner firsts that simplify data management.
- Neurostar Solutions, Inc.** 905  
*www.neurostarsolutions.com*  
The next step beyond PACS, Neurostar Solutions' innovative Web-based technology is designed to power virtual radiology networks. Its unique architecture and universal workflow enable imaging centers, hospitals, and physician's offices to share imaging data with a virtual community of radiologists and referring physicians, helping them expand services, productivity and referrals.
- Nexsan Technologies** N 537  
*www.nexsan.com*  
Nexsan's enterprise-class storage systems are a perfect fit for the healthcare industry's growing storage and archiving requirements. Visit the Nexsan booth to learn why more medical/imaging facilities are choosing Nexsan's ultra-dense SATA RAID arrays with capacities to 42TB in only 4U, and the Assureon content addressable long-term storage archiving system.
- NightHawk Radiology Services** 937  
*www.nighthawkrad.net* N  
NightHawk Radiology Services is the leading provider of radiology solutions throughout the United States. Talon Workflow Solutions is the engine that has driven the growth of the company and is now offered to our customers.
- Novarad Corporation** 723  
*www.novapacs.com*  
NovaRad will be showing at the booth: NovaPACS 6-5-a full-featured, fast-scalable PACS that is installed at over 200 facilities; NovaRIS-a brand new IHE compliant, robust and easy-to-use RIS; Clinic PACS-a PACS and RIS product for small clinics; Ortho Trauma tools and Cardio Viewer.
- On-Line Radiology Medical Group, Inc.** 401  
*www.onlinerad.com*  
On-Line Radiology Medical Group is a full-service teleradiology group offering remote preliminary and final interpretations of CT, MRI, Ultrasound, Nuclear Medicine, diagnostic X-ray, and other diagnostic procedures 24/7, 365 days a year. In operation since 1998, On-line Radiology is a proven leader in the teleradiology market. On-line Radiology has vast experience developing processes, software, and network capabilities to meet only the strictest hospital standards.
- Orthocrat** 411  
*www.traumacad.com*  
Orthocrat, the maker of TraumaCad, is the industry's leading digital orthopedic surgical planning and templating provider. TraumaCad has been designed by orthopedic surgeons to be an intuitive and easy-to-use solution, enabling the precise manipulation of softcopy images. Pre-operative features include joint replacement, trauma, modular deformity correction, pediatrics, 3D templating and advanced measurement tools.
- OrthoView** 924  
*www.orthoview.com*  
OrthoView is the world's smartest orthopedic digital planning solution. It is easy to learn and, with its built in wizards, very easy to use. Plus it has the largest library of digital templates, supporting planning for Joint Replacement, Trauma, Pediatrics and Limb Deformity Correction. With flexible deployment and licensing options, we have a solution for all sizes of hospital or clinic.
- PACSGEAR, Inc.** 901  
*www.pacsgear.com*  
PACSGEAR provides complete document and multimedia connectivity solutions for PACS. Its industry-leading software, PacSCAN™, allows physicians, technologists and administrators to send documents, film and multimedia images from any department to any PACS or EHR. Worldwide, PACSGEAR's comprehensive solutions are deployed in over 400 hospital networks, community hospitals and imaging centers.
- PACSHealth** N 926  
*www.pacshealth.com*  
PACSHealth, LLC, is the developer of PACSHealth, an innovative application using advanced monitoring and reporting tools to improve Picture Archiving and Communication System (PACS) data consistency, workflow and throughput combined with a fully interactive HIPAA transaction reporting engine in a compact browser-based format.
- peerVue, LLC** 431  
*www.peerVue.com*  
The qVue solution enables Radiology Departments, Reading Groups and Imaging Centers to exceed new ACR Peer Review accreditation requirements and the JCAHO 2007 National Patient Safety Goals. "Magnetic PACS integration" provides point-and-click QI reporting for peer review, resident over-reading, emergency department and night-hawk discrepancy management. Online dashboards display QI Metrics in real-time.
- Pegasus Imaging Corporation** 1114  
*www.pegasusimaging.com*  
Pegasus Imaging delivers digital imaging technologies and software development toolkits for healthcare imaging application development. The company's image and video compression libraries are relied upon within leading PACS, teleradiology, ultrasound, and cardiology applications. Pegasus Imaging's document imaging, DICOM, and forms processing technology is used worldwide within electronic medical records and healthcare records management systems.
- PenRad Technologies, Inc.** 616  
*www.penrad.com*  
PenRad specializes in providing solutions for the breast imaging practice, offering new and innovative products that create efficiencies and accuracies at cost-effective pricing that enhances the workflow of the breast-imaging center. PenRad offers the most comprehensive mammography information system (MIS) available for your auditing requirements and provides instant narrative reports, eliminating dictation and transcription.
- Philips Medical Systems** C 331  
*www.medical.philips.com*  
Simplicity is a clear view of patient data and a clear path to patient care. As one of the world's leading suppliers of medical equipment and related services, Philips is dedicated to bringing simplicity to healthcare in every way possible. Visit our booth to experience our solutions.
- Planar Systems, Inc.** 1000  
*www.planar.com*  
Planar Systems is a worldwide leader in specialty display solutions, offering Dome's comprehensive line of medical displays and software solutions for use throughout the hospital. The Dome line of grayscale is available in 2, 3 and 5 megapixel and color is available in 2, 3 and 4 megapixel.
- Plasmon, Inc.** 911  
*www.plasmon.com*  
Plasmon's UDO Archive Appliance™ easily integrates with healthcare imaging and content management applications to meet the needs of organizations with long-term data retention requirements and removable media for disaster recovery designed to meet HIPAA regulations. Plasmon is an internationally trusted source for archival storage.
- ProVox Technologies** 1230  
*www.provox.com*  
VoxReports is a speech recognition solution designed with the busy radiologist in mind. Our solution allows radiologists to maximize productivity, while reducing turnaround time and transcription costs. VoxReports interface with existing PACS and RIS systems to streamline workflow. Dictated reports are transcribed instantly so referring physicians can receive reports in minutes rather than hours.
- QAISys, Inc.** 1008  
*www.QAISys.com*  
QAISys enables systematic quality management for medical imaging. It accounts for 100% of imaging exams and considers any kind of image quality deficiency. It enables in-depth analysis of the nature of recurrent quality failures, specifies exam types that should be targeted for improvement, and then indicates practical, cost-effective quality improvement solutions.
- Quest International, Inc** 737  
*www.questinc.com*  
Established in 1982, and ISO Registered, Quest International, Inc. is an Authorized Reseller for NEC displays and Sony medical LCDs and an Authorized Master Distributor and Service Center for Totokou medical displays. Quest also provides rolling carts, waterproof enclosures and touchscreens for all LCDs. Quest also repairs and sells all manufacturers medical imaging peripherals.
- Radical Radiology** 1222  
*www.radicalradiology.com*  
Radical Radiology is devoted to improving workflow and providing the best in support. We offer CR and film digitizers, as well as PACS, teleradiology, RIS, and diagnostic workstations. Everything you need is under one banner: Radical!
- RADinfo SYSTEMS** 701  
*www.RADinfoSYSTEMS.com*  
RADinfo SYSTEMS develops and integrates DICOM and HL7 compliant software with modalities and other radiological hardware to deliver state-of-the-art solutions to hundreds of small and large healthcare providers worldwide. Professional services include software development, consultation, integration, installation and 24x7 technical support. Delivering Solutions that Meet Your Vision™ since 1993.
- Radiology Today** 405  
*www.radiologytoday.net*  
Radiology Today is the nation's leading newsmagazine for technology, business and research news affecting administrators, radiologists and technologists. Being a content driven publication, Radiology Today is also the

only imaging field magazine addressing the concerns, interests and interrelationships of physicians, facility management and technologists.

**RamSoft, Inc.** 1210  
[www.ramsoft.biz](http://www.ramsoft.biz)  
 RamSoft is an industry leader in integrated medical imaging RIS, PACS, and Billing Solutions. If you are looking to maximize the performance of your personnel, information system, and imaging management technologies, look no further than RamSoft.

**RCG HealthCare Consulting** N 922  
[www.thercg.com](http://www.thercg.com)  
 Radiology Consulting Group, an affiliate of RCG HealthCare Consulting and Massachusetts General Hospital, offers unique management and radiology information technology consulting services to hospital radiology departments, private practices and free-standing imaging centers worldwide. Their experienced consultants are practicing professionals, providing the most innovative solutions and up-to-date knowledge in their fields.

**RedRick Technologies Inc.** 1113  
[www.redricktechnologies.com](http://www.redricktechnologies.com)  
 RedRick's design team has the expertise required to build a reading environment conducive to efficient operations. RedRick's height-adjustable workstations are custom built to complement the workflow and ergonomics of your digital imaging department. Our monitor mounting solutions will accommodate 1 - 6 monitors and can be power or manually operated.

**Richardson Electronics** 311  
[www.medical.rell.com](http://www.medical.rell.com)  
 Today's demanding medical imaging applications require precision, functionality and versatility. That's why thousands of physicians and clinicians in all fields of medicine use Richardson Electronics integrated display solutions. Our proprietary designs and embedded systems meet the most critical agency certifications and user needs for patient monitoring, bio-medical displays, ultrasound, cardiac imaging, and PACS.

**Riverain Medical** 1118  
[www.riverainmedical.com](http://www.riverainmedical.com)  
 RapidScreen quickly identifies suspicious nodules between 9-30 mm on the original standard AP-PA chest x-ray using the radiologist's existing workstation.

**Rorke Data, Inc.** 504  
[www.rorke.com](http://www.rorke.com)  
 Rorke Data, an ISO 9001:2000 certified global subsidiary of Bell Microproducts, leverages 20 years of design, testing, implementation and professional service capabilities with expertise in primary and tiered servers/storage architecture. Rorke's award-winning Galaxy HDX RAID and NAS series delivers uncompromising reliability, security and scalability for healthcare facilities.

**RT Image** 1038  
[www.rt-image.com](http://www.rt-image.com)  
 RT Image is the nation's only weekly newsmagazine for Radiologists, Administrators, Educators and Radiologic Science Professionals. RT Image has been serving the Radiology field since 1988.

**Sage Software** C 907  
[www.sagehealth.com](http://www.sagehealth.com)  
 Sage Software Healthcare Division, formerly Emdeon Practice Services, is a leading provider of business, technology and information solutions that transform both the clinical and financial aspects of healthcare delivery. Sage Healthcare provides physician practice management and electronic health record software and services.

**ScImage** 1004  
[www.scimage.com](http://www.scimage.com)  
 ScImage enables multi-department order-driven RIS/PACS workflow using a single database. Our web-based enterprise PACS is ideal for hospitals and outpatient clinics in need of integrated RIS/PACS, Cardiology PACS, Orthopedic workflow and more. The standards based solution has built-in advanced visualization for MPR, Cardiac CT, PET/CT, Complete ECG Management, surgical planning and document management. We also offer affordable offsite storage and complete teleradiology systems.

**Sectra North America, Inc.** C 239  
[www.sectra.com](http://www.sectra.com)  
 Sectra has over 900 PACS installations worldwide. Sectra's complete IT portfolio for the digital radiology department ranges from single workstations to high availability, mass storage enterprise systems. Sectra PACS gives radiologists a high performance reading tool in a data intense environment, and is delivered with an industry leading service and support process, featuring Sectra's PACS-Guard remote system monitoring.

**Scencore** 402  
[www.scencore.com](http://www.scencore.com)  
 Scencore serves PACS and medical video systems markets. Products include color/luminance analyzers for DICOM display calibration. Video reference test generators are used for testing and calibrating any display type, including emerging digital high definition video in the OR. Scencore's two-day technical seminar covers accurate calibration of both imaging and medical video displays.

**Siemens Display Technologies** 1311  
[www.siemens.com/displays](http://www.siemens.com/displays) C  
 With 40+ years experience in medical monitors, Siemens Display Technologies provides world-class LCDs (color and grayscale) for PACS. Siemens has pioneered leading-edge innovations for diagnostic imaging, including exceptional image clarity, higher life expectancies, internal LUTs to reduce dependence on proprietary technology, and "fully automated stability" - which uses a range of internal sensors to eliminate the need for routine display calibration.

**Siemens Medical Solutions** C 501  
**USA, Inc.**  
[www.siemensmedical.com](http://www.siemensmedical.com)  
 Siemens Medical Solutions USA, Inc., is a leader in advanced clinical and information technology for the healthcare market. Siemens Image Management solutions focus on integration to optimize workflow and increase efficiency. These goals are achieved with syngo® Suite, consisting of syngo Imaging, syngo Workflow and syngo Dynamics. Also featured is NextGen which, in combination with syngo Suite, provides a complete practice management solution.

**Sorna Corporation** C 1009  
[www.sorna.com](http://www.sorna.com)  
 Sorna designs innovative systems and software that streamline the production, viewing and importing of diagnostic images on portable media. eXpedo's™ family of DICOM CD/DVD recording

systems targets every budget and production volume. Intelligent workflow-optimizing management software using patent-pending DISCflow™ Profiles customize and automate individual healthcare facility-specific requirements for efficient DICOM and patient reference DISC creation. 100% IHE conformant and HIPAA compliant.

**Sourcecorp Healthserve** N 530  
[www.SRCP-TAP.com](http://www.SRCP-TAP.com)  
 Sourcecorp Healthserve's Teleradiology Archive Program (TAP) provides cost-effective off-site storage for your radiological files. The program provides on-demand DICOM scanning of film studies 24/7 to the contracted Hospital PACS Network via VPN DICOM Interface to support comparative study review within minutes.

**Springer** 1204  
[www.springer.com](http://www.springer.com)  
 Springer, one of the world's leading publishers in scientific, technical and medical books and journals, publishes the official journal of SIIM - Journal of Digital Imaging. Please stop by the booth for a complimentary copy of the journal as well as to view our extensive collection of books in imaging.

**Swearingen Software, Inc.** 900  
[www.swearingensoftware.com](http://www.swearingensoftware.com)  
 Specializing in RIS for over 20 years and consistently earning top scores in customer satisfaction. RISynergy enhances workflow with Technologist, Radiologist and Front Office Worklists, Patient Management, Scheduling, Transcription, Management Reports, Billing, Mammography and DICOM. Seamlessly connects to any PACS, Voice Recognition and HIS systems. Volume-based pricing. 0% financing available.

**TDK Electronics Corporation** 500  
[www.TDK.com](http://www.TDK.com)  
 TDK Medical is showcasing its DICOM Media Creators, innovative all-in-one medical DVD/CD recording solutions that incorporate an integrated PC for hands-free operation, printing patient demographics on the disc for easy identification. TDK offers a line of recording media including, DVD, CD-R, Magneto Optical, Data Cartridge and S-VHS.

**TeraRecon, Inc.** C 531  
[www.terarecon.com](http://www.terarecon.com)  
 TeraRecon provides advanced imaging systems for medical and other visualization applications based on its unique image processing technologies. TeraRecon's unique family of powerful processors are used in its real-time diagnostic 3D workstations, enterprise-wide image processing 3D servers, high-definition Doppler ultrasound systems, mini gamma cameras, and 3D cone beam CT scanners.

**ThinAir Data Corporation** 637  
[www.thinairdata.com](http://www.thinairdata.com)  
 TeleRIS is the RIS, PACS and reporting solution designed to address the workflow challenges of reading for multiple contracts. Day or night, prelims or finals, the country's leading reading service providers use TeleRIS to efficiently service multiple contracts. Large radiology groups work more efficiently by using TeleRIS to consolidate their reading responsibilities into a single RIS, PACS and reporting solution.

**U.S. Electronics, Inc./Totoku** 404  
[www.usei.net](http://www.usei.net)  
 USEI/Totoku provides FDA approved medical grade displays for PACS/Mammo/Modality for filmless imaging. LCD are DICOM compliant, dual

link front sensor for 7/24 DICOM conformance check with at least 3 years standard warranty. Available with PCI & PCI Express graphics board.

**VIDAR Systems Corporation** C 509  
[www.filmdigitizer.com](http://www.filmdigitizer.com)  
 VIDAR Systems Corporation, the worldwide market-leader for high quality medical film digitizers, will feature its DiagnosticPRO Advantage and CAD PRO Advantage film digitizers. Now focused on creating the new standard in full-featured, affordable digital radiography, VIDAR will also feature its new VIDAR VISION 4000 digital radiography product.

**Virtual Radiologic** 1201  
[www.virtualrad.com/SIIM](http://www.virtualrad.com/SIIM)  
 Virtual Radiologic improves the lives of patients and radiologists with quality teleradiology services and solutions. Via its Interpretation Services, the company provides 24x7 access to American Board of Radiology-certified radiologists. Virtual Radiologic's Infrastructure Solutions help clients streamline and manage their operations by leveraging Virtual Radiologic's technology, support and administrative expertise.

**Vital Images, Inc.** C 1217  
[www.vitalimages.com](http://www.vitalimages.com)  
 Vital Images, headquartered in Minneapolis, is a leading provider of enterprise-wide advanced visualization software solutions. The company's technology gives radiologists, cardiologists, oncologists and other medical specialists time-saving productivity and communications tools that can be accessed throughout the enterprise and via the Web for use in the day-to-day practice of medicine.

**Voyager Imaging** N 614  
[www.voyagerpacs.com](http://www.voyagerpacs.com)  
 Voyager Imaging is Australia's pioneering medical imaging company specializing in Teleradiology, Radiologist Workstation and PACS products. Voyager PACS product provide integration of radiology departments, information systems (HIS, RIS) that seamlessly interfaces all users through LAN, WAN and Internet. Voyager products operate with industry standard hardware and software and allow scalability through to enterprise-wide PACS systems.

**Ximis, Inc.** 1036  
[www.ximis.com](http://www.ximis.com)  
 XIRIS is a leading RIS in the healthcare area that streamlines your facility's workflow reducing time spent on practice management and billing to maximize time spent doing what you do best, patient care. Highlights: Reduces costs and increases patient and referring physician satisfaction; Increases productivity and efficiency of staff and resources; Customizable to fulfill specific needs; Patient Self Registration; Dictation and Transcription; Marketing; Supply Inventory; Mammography; Billing, and HIPAA Compliant.

**XYBIX Ergonomic Furniture** 618  
[www.xybixhealthcare.com](http://www.xybixhealthcare.com)  
 XYBIX Ergonomic Furniture, an experienced manufacturer of Height-Adjustable Ergonomic Furniture in America, since 1991. XYBIX designs ergonomic furniture meeting American National Ergonomic Standards for excellent performance and comfort. XYBIX has an unmatched depth of experience in design, development, manufacturing, and installation of thousands of specialized workstation furniture solutions. Test-Drive our Award-Winning sophisticated PACS furniture today!

**N** New Exhibitors  
**C** SIIM Corporate Member

# Exhibitors by Product Categories

## Company ..... Booth #

### 3D Imaging Software

3Mensio Medical Imaging BV	339
Barco	631
Calgary Scientific, Inc.	1131
Dynamic Imaging	837
EDDA Technology, Inc.	710
Emageon Inc.	915
INFINITT North America, Inc.	902
Integrated Modular Systems, Inc.	502
Mercury Computer Systems, Inc.	809
Merge Healthcare	1317
MIMvista Corporation	1216
Orthocrat	411
ScImage	1004
Siemens Display Technologies	1311
Vital Images, Inc.	1217

### Archiving Services (ASP)

Acuo Technologies	1211
BRIT Systems, Inc.	800
Cambridge Computer Services, Inc.	1205
CHILI USA - Digital Radiology	1129
CoActiv Medical Business Solutions	704
Codonics, Inc.	709
ETIAM	1116
Hewlett-Packard Company	605
InSite One, Inc.	815
Network Appliance, Inc.	1125
Neurostar Solutions, Inc.	905
ScImage	1004
Sourcecorp Healthserve	530

### CD/DVD Distribution

Codonics, Inc.	709
Data Distributing, LLC	1123
DatCard Systems, Inc.	801
PACSGEAR, Inc.	901
RADinfo SYSTEMS	701
Rorke Data, Inc.	504
Sorna Corporation	1009
TDK Electronics Corporation	500
Voyager Imaging	614

### Certification

American Board of Imaging Informatics	1202
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### Clinical Decision Support

Amirsys, Inc.	702
Commissure	1323
Compressus, Inc.	804
Medicalis Corporation	1111
OrthoView	924
peerVue, LLC	431

### Computed Radiography

Konica Minolta Medical Imaging USA, Inc.	731
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### Computer Aided Diagnosis

3Mensio Medical Imaging BV	339
EDDA Technology, Inc.	710
Eizo Nanao Technologies, Inc.	1229
Hewlett-Packard Company	605
Hologic, Inc.	515
Matrox Graphics, Inc.	904
OrthoView	924
Riverain Medical	1118
VIDAR Systems Corporation	509

### Consulting Services

Cambridge Computer Services, Inc.	1205
Carestream Health	622
Dictaphone, a division of Nuance	317
Excalibur Medical Imaging	827
peerVue, LLC	431
QAISys, Inc.	1008
RCG HealthCare Consulting	922
RedRick Technologies Inc.	1113
Richardson Electronics	311
XYBIX Ergonomic Furniture	618

### CPOE (Care Provider Order Entry)

Medicalis Corporation	1111
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### Data Mining

PACSHealth	926
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### Design

RedRick Technologies Inc.	1113
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### Diagnostic Imaging

Canon Medical Systems	931
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### DICOM Data Migration

Acuo Technologies	1211
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### DICOM QA & Calibration of PACS Workstations

Sencore	402
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### Dictation

Dolbey	437
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### Digital Breast Imaging

Barco	631
BRIT Systems, Inc.	800
DatCard Systems, Inc.	801
Eizo Nanao Technologies, Inc.	1229
Fujifilm Medical Systems USA, Inc.	1001
Hologic, Inc.	515
IDC (Imaging Dynamics)	703
Planar Systems, Inc.	1000
Sorna Corporation	1009

### Digital Radiography

Ampronix	400
Canon Medical Systems	931
CHILI USA - Digital Radiology	1129
Contour Design, Inc.	1109
Eizo Nanao Technologies, Inc.	1229
Fujifilm Medical Systems USA, Inc.	1001
IDC (Imaging Dynamics)	703
Matrox Graphics, Inc.	904
OrthoView	924
Philips Medical Systems	331
Planar Systems, Inc.	1000
RamSoft, Inc.	1210
Sage Software	907
Sorna Corporation	1009
TeraRecon, Inc.	531
VIDAR Systems Corporation	509
Virtual Radiologic	1201
XYBIX Ergonomic Furniture	618

### Digital Templating

Orthocrat	411
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### Digitizers, Film

Ampronix	400
Images-on-Call	1300
PACSGEAR, Inc.	901
Richardson Electronics	311
VIDAR Systems Corporation	509

### Displays/Monitors

Ampronix	400
Barco	631
Double Black Imaging	916
Eizo Nanao Technologies, Inc.	1229
Electrosonic Systems, Inc.	406
HI-IQ	1228
Matrox Graphics, Inc.	904
Maxant Technologies, Inc.	805
NEC Display Solutions	1031
Planar Systems, Inc.	1000
Quest International, Inc.	737
Sencore	402
Siemens Display Technologies	1311
U.S. Electronics, Inc./Totoku	404
XYBIX Ergonomic Furniture	618

### Document Management

Cambridge Computer Services, Inc.	1205
CLICKVIEW Corporation	914
Commissure	1323
IC2E, Inc.	519
Multimodal Technologies, Inc.	1214
Network Appliance, Inc.	1125
Nexsan Technologies	537
PACSGEAR, Inc.	901
Pegasus Imaging Corporation	1114
PenRad Technologies, Inc.	616
ProVox Technologies	1230
Sencore	402
Ximis, Inc.	1036

### Educational Services

Clarkson College	506
NeoTool, LLC	823
peerVue, LLC	431
QAISys, Inc.	1008
RCG HealthCare Consulting	922
Vital Images, Inc.	1217

### Furniture

AFC Industries, Inc.	910
Anthro Corporation	817
RedRick Technologies Inc.	1113
XYBIX Ergonomic Furniture	618

### HIPAA Audit Logging

PACSHealth	926
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**Image Distribution**

Acuo Technologies	1211
AMICAS, Inc.	423
Avnet Technology Solutions	1208
Aware, Inc.	700
aycan Medical Systems	930
CoActiv Medical Business Solutions	704
Codonics, Inc.	709
Compressus, Inc.	804
Data Distributing, LLC	1123
DatCard Systems, Inc.	801
DeJarnette Research Systems, Inc.	808
DR Systems, Inc.	415
Dynamic Imaging	837
Electrosonic Systems, Inc.	406
Empiric Systems	217
eRAD, Inc.	836
ETIAM	1116
Foresight Imaging	1117
Fujifilm Medical Systems USA, Inc.	1001
IC2E, Inc.	519
INFINITT North America, Inc.	902
InSite One, Inc.	815
Integrated Modular Systems, Inc.	502
Intelerad Medical Systems Incorporated	1223
Intuitive Imaging Informatics	1304
Konica Minolta Medical Imaging USA, Inc.	731
McKesson Provider Technologies	923
Merge Healthcare	1317
MPlexus	707
Neurostar Solutions, Inc.	905
Novarad Corporation	723
PACSGEAR, Inc.	901
Pegasus Imaging Corporation	1114
Planar Systems, Inc.	1000
Radical Radiology	1222
Siemens Medical Solutions USA, Inc.	501
Sorna Corporation	1009
TDK Electronics Corporation	500
Virtual Radiologic	1201
Vital Images, Inc.	1217
Voyager Imaging	614

**Image Processing Systems**

Aware, Inc.	700
aycan Medical Systems	930
Electrosonic Systems, Inc.	406
IDC (Imaging Dynamics)	703
Konica Minolta Medical Imaging USA, Inc.	731
NightHawk Radiology Services	937
Orthocrat	411
Pegasus Imaging Corporation	1114
TeraRecon, Inc.	531

**Imaging Devices (CR, DR, fluoro, etc.)**

3Mensio Medical Imaging BV	339
Agfa HealthCare Corporation	223
aycan Medical Systems	930
Carestream Health	622
Eizo Nanao Technologies, Inc.	1229
ETIAM	1116
Fujifilm Medical Systems USA, Inc.	1001
IDC (Imaging Dynamics)	703
Philips Medical Systems	331
Planar Systems, Inc.	1000
Radical Radiology	1222
Sage Software	907
TeraRecon, Inc.	531

**Information Systems (RIS, HIS, EMR)**

Agfa HealthCare Corporation	223
Aspyra, Inc.	1010
Avnet Technology Solutions	1208
Avreo, Inc.	1200
BRIT Systems, Inc.	800
Carestream Health	622
CLICKVIEW Corporation	914
Dictaphone, a division of Nuance	317
Double Black Imaging	916
DR Systems, Inc.	415
Electrosonic Systems, Inc.	406
Empiric Systems	217
eRAD, Inc.	836
ETIAM	1116
GE Healthcare	615
Hewlett-Packard Company	605
HI-IQ	1228
Matrox Graphics, Inc.	904
McKesson Provider Technologies	923
Medicalis Corporation	1111
MedInformatix, Inc.	407
Merge Healthcare	1317
NeoTool, LLC	823
Network Appliance, Inc.	1125
NightHawk Radiology Services	937
Novarad Corporation	723
On-Line Radiology Medical Group, Inc.	401
PenRad Technologies, Inc.	616
Philips Medical Systems	331
Plasmon, Inc.	911
ProVox Technologies Corp.	1230
RADinfo SYSTEMS	701
RamSoft, Inc.	1210
Sclmage	1004
Siemens Medical Solutions USA, Inc.	501
Swearingen Software, Inc.	900
ThinAir Data Corporation	637

**Input Devices**

Contour Design, Inc.	1109
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**Interface Hardware/Software**

Ampronix	400
Compressus, Inc.	804
Dictaphone, a division of Nuance	317
Foresight Imaging	1117
MedInformatix, Inc.	407
NAI Technology Products	609
NeoTool, LLC	823
Novarad Corporation	723
PenRad Technologies, Inc.	616
Quest International, Inc.	737

**Internet Services**

Dictaphone, a division of Nuance	317
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**Mammography/MQSA Tracking**

Mammography Reporting System, Inc.	1302
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**Networking, Local**

Double Black Imaging	916
Nexsan Technologies	537
Sage Software	907

**Networking, Web-Based**

Aware, Inc.	700
Nexsan Technologies	537

**Orthopedic Planning**

OrthoView	924
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**PACS Image Management**

Emageon Inc.	915
Network Appliance, Inc.	1125
PACSGEAR, Inc.	901
Pegasus Imaging Corporation	1114

**PACS, Enterprise**

3Mensio Medical Imaging BV	339
Acuo Technologies	1211
Agfa HealthCare Corporation	223
AMICAS, Inc.	423
Aspyra, Inc.	1010
Avnet Technology Solutions	1208
Avreo, Inc.	1200
Barco	631
Cambridge Computer Services, Inc.	1205
Carestream Health	622
CHILI USA - Digital Radiology	1129
Clarkson College	506
CoActiv Medical Business Solutions	704
Connect Imaging, Inc.	1329
Contour Design, Inc.	1109
DeJarnette Research Systems, Inc.	808
Double Black Imaging	916
DR Systems, Inc.	415
Dynamic Imaging	837
Emageon Inc.	915
Empiric Systems	217
eRAD, Inc.	836
Foresight Imaging	1117
Fujifilm Medical Systems USA, Inc.	1001
GE Healthcare	615
Hewlett-Packard Company	605
INFINITT North America, Inc.	902
Integrated Modular Systems, Inc.	502
Intelerad Medical Systems Incorporated	1223
Intuitive Imaging Informatics	1304
Matrox Graphics, Inc.	904
McKesson Provider Technologies	923
Mercury Computer Systems, Inc.	809
Merge Healthcare	1317
Network Appliance, Inc.	1125
Neurostar Solutions, Inc.	905
Nexsan Technologies	537
Novarad Corporation	723
PACSGEAR, Inc.	901
Pegasus Imaging Corporation	1114
Philips Medical Systems	331
Plasmon, Inc.	911
Radical Radiology	1222
RADinfo SYSTEMS	701
RamSoft, Inc.	1210
RedRick Technologies Inc.	1113
Rorke Data, Inc.	504
Sage Software	907
Sclmage	1004
Sectra North America, Inc.	239
Siemens Display Technologies	1311
Siemens Medical Solutions USA, Inc.	501
U.S. Electronics, Inc./Totoku	404
VIDAR Systems Corporation	509
Voyager Imaging	614

**PACS, Modality**

Acuo Technologies	1211
AMICAS, Inc.	423
Avreo, Inc.	1200
BRIT Systems, Inc.	800
CHILI USA - Digital Radiology	1129
Clarkson College	506
Connect Imaging, Inc.	1329
Contour Design, Inc.	1109
Data Distributing, LLC	1123
DeJarnette Research Systems, Inc.	808
DR Systems, Inc.	415
Dynamic Imaging	837
ETIAM	1116
Foresight Imaging	1117
GE Healthcare	615
Hewlett-Packard Company	605
INFINITT North America, Inc.	902
Intelrad Medical Systems Incorporated	1223
Konica Minolta Medical Imaging USA, Inc.	731
McKesson Provider Technologies	923
Mercury Computer Systems, Inc.	809
Novarad Corporation	723
On-Line Radiology Medical Group, Inc.	401
Philips Medical Systems	331
Plasmon, Inc.	911
Quest International, Inc.	737
RADinfo SYSTEMS	701
Richardson Electronics	311
Rorke Data, Inc.	504
Sage Software	907
Siemens Medical Solutions USA, Inc.	501
TeraRecon, Inc.	531
U.S. Electronics, Inc./Totoku	404

**Peer Review/QI Management**

peerVue, LLC	431
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**Pre-Operative Planning**

Orthocrat	411
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**Printers**

Ampronix	400
aycan Medical Systems	930
Codonics, Inc.	709
Konica Minolta Medical Imaging USA, Inc.	731

**Publications**

ADVANCE Newsmagazines	1110
Amirsys, Inc.	702
Applied Radiology	433
Biophotonics International	305
Diagnostic Imaging	510
Diagnostico Journal	203
Health Data Management Magazine	741
Health Imaging Media	831
Healthcare Informatics Magazine	1236
Imaging Economics	1226
Imaging Technology News	941
Medical Imaging	1224
Radiology Today	405
RT Image	1038
Springer	1204

**Reading Room Design**

RedRick Technologies Inc.	1113
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**Reporting Systems**

CLICKVIEW Corporation	914
Commissure	1323
HI-IQ	1228
Intelrad Medical Systems Incorporated	1223
Mammography Reporting System, Inc.	1302
McKesson Provider Technologies	923
MedInformatix, Inc.	407
MedQuist, Inc.	601
Neurostar Solutions, Inc.	905
NightHawk Radiology Services	937
Orthocrat	411
OrthoView	924
PACSHealth	926
PenRad Technologies, Inc.	616
ProVox Technologies	1230
Swearingen Software, Inc.	900
Ximis, Inc.	1036

**Speech Recognition Systems**

Agfa HealthCare Corporation	223
Compressus, Inc.	804
Dictaphone, a division of Nuance	317
Dolbey	437
MedInformatix, Inc.	407
MedQuist, Inc.	601
Multimodal Technologies, Inc.	1214
ProVox Technologies Corp.	1230
Ximis, Inc.	1036

**Storage, Enterprise PACS**

Cambridge Computer Services, Inc.	1205
Intuitive Imaging Informatics	1304
Nexsan Technologies	537
Plasmon, Inc.	911
Rorke Data, Inc.	504

**Storage Media, Fixed (RAID, juke box, silo)**

Cambridge Computer Services, Inc.	1205
Intuitive Imaging Informatics	1304
Nexsan Technologies	537
Plasmon, Inc.	911
Rorke Data, Inc.	504

**Storage Media, Portable (CD, DVD, etc.)**

Codonics, Inc.	709
Data Distributing, LLC	1123
DatCard Systems, Inc.	801
NAI Technology Products	609
Plasmon, Inc.	911
Rorke Data, Inc.	504
Sorna Corporation	1009
TDK Electronics Corporation	500

**Teaching Files**

peerVue, LLC	431
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**Teleradiology Services**

BRIT Systems, Inc.	800
CHILI USA - Digital Radiology	1129
CoActiv Medical Business Solutions	704
Empiric Systems	217
Excalibur Medical Imaging	827
InSite One, Inc.	815
Integrated Modular Systems, Inc.	502
NeoTool, LLC	823
Neurostar Solutions, Inc.	905
On-Line Radiology Medical Group, Inc.	401
Richardson Electronics	311
ScImage	1004
Virtual Radiologic	1201

**Teleradiology Systems**

AMICAS, Inc.	423
Aware, Inc.	700
BRIT Systems, Inc.	800
CHILI USA - Digital Radiology	1129
CoActiv Medical Business Solutions	704
Connect Imaging, Inc.	1329
DeJarnette Research Systems, Inc.	808
Dynamic Imaging	837
Electrosonic Systems, Inc.	406
Empiric Systems	217
eRAD, Inc.	836
Foresight Imaging	1117
IC2E, Inc.	519
Images-on-Call	1300
Intelrad Medical Systems Incorporated	1223
Intuitive Imaging Informatics	1304
NeoTool, LLC	823
Neurostar Solutions, Inc.	905
NightHawk Radiology Services	937
On-Line Radiology Medical Group, Inc.	401
Pegasus Imaging Corporation	1114
Quest International, Inc.	737
Radical Radiology	1222
RADinfo SYSTEMS	701
Richardson Electronics	311
ScImage	1004
ThinAir Data Corporation	637
VIDAR Systems Corporation	509
Virtual Radiologic	1201
Voyager Imaging	614
Ximis, Inc.	1036

**Transcription**

Dolbey	437
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**Web-based Report Distribution**

AMICAS, Inc.	423
Carestream Health	622
CLICKVIEW Corporation	914
Commissure	1323
Compressus, Inc.	804
DeJarnette Research Systems, Inc.	808
DR Systems, Inc.	415
Empiric Systems	217
eRAD, Inc.	836
INFINITT North America, Inc.	902
InSite One, Inc.	815
Integrated Modular Systems, Inc.	502
Medicalis Corporation	1111
MedInformatix, Inc.	407
Merge Healthcare	1317
On-Line Radiology Medical Group, Inc.	401
Radical Radiology	1222
Siemens Medical Solutions USA, Inc.	501
Vital Images, Inc.	1217
Ximis, Inc.	1036

**Work Stations**

3Mensio Medical Imaging BV	339
Connect Imaging, Inc.	1329
Contour Design, Inc.	1109
Double Black Imaging	916
Hologic, Inc.	515
Intuitive Imaging Informatics	1304
Maxant Technologies, Inc.	805
MIMvista Corporation	1216
Quest International, Inc.	737
RedRick Technologies Inc.	1113
Richardson Electronics	311
TeraRecon, Inc.	531
Vital Images, Inc.	1217
Voyager Imaging	614
XYBIX Ergonomic Furniture	618



# SAVE THE DATE!

## THE 2008 ANNUAL MEETING OF THE SOCIETY FOR IMAGING INFORMATICS IN MEDICINE

*Integrating Health Care Imaging*

WASHINGTON STATE CONVENTION AND TRADE CENTER • SEATTLE, WASHINGTON

### MAY 15-18, 2008

[www.siimweb.org](http://www.siimweb.org)

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- The Medical Message Mediator (M<sup>3</sup>) improves efficiency enterprise-wide while maintaining quality
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- The Systems Management Dashboard (SMD) equips administrators with dynamic visual graphic information regarding enterprise-wide performance to enable proactive management
- MEDxConnect increases diagnostic efficiency with enterprise-wide integration of all your vital information systems

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