


SOCIETY FOR IMAGING INFORMATICS IN MEDICINE ANNUAL MEETING



IMAGING
INFORMATICS
FOR THE
ENTERPRISE

JUNE 7-10, 2007

**RHODE ISLAND CONVENTION CENTER
PROVIDENCE, RHODE ISLAND**

Register online at www.siimweb.org



Siim
2007

(formerly SCAR Annual Meeting)

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

PRELIMINARY PROGRAM



SIIM 2007 Annual Meeting (formerly SCAR) June 7-10, 2007 Providence, Rhode Island

SIIM Annual Meeting Program Committee

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Rochester, Minnesota

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University of Utah School of Medicine
Salt Lake City, Utah

Charles E. Willis, PhD
University of Texas, MD Anderson Cancer Center
Houston, Texas

Join SIIM in Providence

The SIIM Annual Meeting provides a vibrant community and collegial forum for networking with peers and thought leaders in the field of imaging informatics. At SIIM 2007, you will find a comprehensive educational and scientific program that is widely considered the best in the field for those seeking professional growth, networking, and the latest knowledge and science in imaging informatics.

Formerly the Society for Computer Applications in Radiology (SCAR; see box below), the society has expanded its focus to encompass other clinical specialties that utilize the imaging sciences. In conjunction with the society's expanding role, the SIIM Annual Meeting will also grow in 2007 to include topics of interest to practitioners across the medical enterprise. As always, the SIIM meeting welcomes physicians, physicists, technologists, healthcare administrators, imaging informatics professionals, IT professionals, scientists, engineers, and anyone with an interest in this exciting field.

Of particular note this year are new featured scientific sessions, which include a combination of invited speakers and scientific abstract presentations all related to one topic. We've also scheduled an additional general session, a live workflow demonstration that will highlight some of the practical issues involved with large data sets. SIIM is also offering a "virtual" facility tour of the MD Anderson Cancer Center in Houston, and the fifth year of its highly rated pre-conference course for imaging informatics professionals.

For those who are purchasing or upgrading equipment, the SIIM exhibit hall is second-to-none in terms of immediate access to top vendors.

Plan to join SIIM and your colleagues in Providence in June!

Bradley J. Erickson, MD, PhD
Chair, Annual Meeting Program Committee

WHAT IS "SIIM"?

At the SCAR 2006 Annual Meeting, it was announced that SCAR has changed its name to the Society for Imaging Informatics in Medicine (SIIM) as part of a larger move to expand the society's focus to encompass other clinical specialties beyond the field of radiology.

The Board of Directors decided to change the name because the "SCAR" acronym no longer accurately represents the organization's mission. The new name also better describes the diversity of the SIIM constituency; and allows SIIM to expand research and activities into the entire field of imaging informatics, to include all of the imaging sciences, and to embrace the dynamic changes in the healthcare environment.

All SIIM 2007 educational programs and exhibition will take place in the Rhode Island Convention Center.

Who Should Attend SIIM 2007

- Radiologists and imaging physicians in other clinical specialties – such as cardiology, orthopedics, dermatology, and pathology – interested in learning more about implementing, integrating and upgrading PACS, speech recognition, or teleradiology systems to improve workflow and the efficiency of their practice.
- Imaging informatics professionals, imaging physicists, and scientists who are interested in trends and learning about cutting-edge electronic imaging developments and staying abreast of technical innovations.
- Technologists, PACS administrators, IT managers, and those who are interested in advancing their careers as imaging informatics professionals.
- CEOs, CFOs, CIOs, and health care administrators at institutions that are considering enterprise integration strategies toward the image enabled electronic medical record (EMR).
- Computer scientists, IT professionals, and engineers who want information about the latest research in imaging informatics.
- Anyone who wants access to practical information about imaging technology in an open, collegial environment.



EXPLORE PROVIDENCE

Providence is a unique city boasting a blend of old world charm and modern sophistication. The state capital of Rhode Island and home of Brown University, Providence offers many diversions for your free time away from the SIIM meeting and exhibition. It's easy to get around the city on foot, and Warwick, Newport and Narragansett are all within easy driving distance.

Visit scenic Block Island and Narragansett; poke around America's first indoor shopping mall, the Arcade, a lively marketplace with shops and eateries; explore and dine on fine Italian cuisine at one of the many restaurants on Federal Hill; or discover the majestic Newport mansions. Although it is America's smallest state, Rhode Island claims one of the highest concentrations of US National Historic Landmarks.

Plan some free time and explore Providence!

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Your meeting registration fee includes:

- Attendance at all general, educational, and scientific sessions
- Scientific Abstract Book
- Opening Brunch, Friday lunch, and daily refreshment breaks
- Invitation to the SIIM Welcome Reception
- Admittance to the Exhibit Hall
- Access to all Roundtable breakfasts
- Access to the Poster & Demonstration area
- Access to the Internet Lounge
- Virtual Tour
- Registration tote bag and portfolio

See pages 20-23 for complete registration and housing information.

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 and the Society for Imaging Informatics in Medicine.

The Society of Interventional Radiology is accredited by the ACCME to provide continuing medical education for physicians. The Society of Interventional Radiology designates this educational activity for a maximum of 30.00 AMA PRA Category 1 Credit(s)[™]. 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 will be 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.



The Annual Meeting of the Society for Imaging Informatics in Medicine (SIIM, formerly SCAR) 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.

COURSE OBJECTIVES

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
- Interact with and facilitate feedback from the experts in the field of imaging informatics

Register online at www.siimweb.org

General Sessions

Opening General Session

Thursday, June 7, 8:00 am - 9:30 am

WELCOME

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.

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

Closing General Session

Sunday, June 10, 10:00 am - 12:00 pm

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 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.

Live Workflow Demonstration Session to Understand Practical Issues of TRIP™

Friday, June 8, 1:15 pm-2:45 pm

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.

Educational Objectives:

1. Understand the practical issues of TRIP™, large data sets, and interfaces;
2. Evaluate approaches to workflow throughout the health care enterprise; and
3. Focus on new and innovative workflow ideas.

Co-chairs Khan M. Siddiqui, MD Chief of Imaging Informatics
VA Maryland Health Care System

Eliot L. Siegel, MD Vice Chair, Radiology Department
University of Maryland School of Medicine

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

DAY 1
Thursday, June 7, 2007

DAY 2
Friday, June 8, 2007

8:00 am	Attendee Registration Hours 6:30 am - 5:00 pm	Exhibit Hall Hours 9:30 am - 4:30 pm	
<p align="center">Opening General Session</p> <p align="center">The Evolution of the Role of Imaging Informatics in the Health Care Delivery System</p> <p align="center"><i>John P. Glaser, PhD</i></p>			
9:30 am	Opening Brunch in the Exhibit Hall 9:30 am - 1:15 pm		
10:15 am	<p align="center">SIIM U 1</p> <p align="center">Digital Radiography</p> <p align="center"><i>Charles Willis, PhD</i></p>	<p align="center">Hot Topic 1</p> <p align="center">Procedure Room Workflow</p> <p align="center"><i>Neil Halin, DO</i></p>	<p align="center">7th Annual SIIM Research & Development Symposium</p>
11:45 am	Opening Brunch in the Exhibit Hall 9:30 am - 1:15 pm		
1:15 pm	<p align="center">SIIM U 2</p> <p align="center">PACS Operational Policies & Procedures</p> <p align="center"><i>Christopher Meenan, MS</i></p>	<p align="center">Scientific Session</p> <p align="center">Infrastructure</p>	<p align="center">Featured Scientific Session - Part I</p> <p align="center">Optimizing the Interpretation Process</p> <p align="center"><i>Elizabeth Krupinski, PhD</i></p>
2:45 pm	Refreshment Break in the Exhibit Hall		
3:30 pm	<p align="center">SIIM U 3</p> <p align="center">3D & Advanced Visualization</p> <p align="center"><i>Keith Dreyer, DO, PhD</i></p>	<p align="center">Hot Topic 2</p> <p align="center">RHIOs</p> <p align="center"><i>Adam Flanders, MD</i></p>	<p align="center">Featured Scientific Session - Part II</p> <p align="center">Optimizing the Interpretation Process</p> <p align="center"><i>Elizabeth Krupinski, PhD</i></p>
5:00 pm			

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		Imaging Center Administrators - CIOs & CFOs Roundtable	
9:30 am	<p align="center">SIIM U 4</p> <p align="center">Workstations for Medical Imaging</p> <p align="center"><i>Steven Horii, MD</i></p>	<p align="center">Hot Topic 3</p> <p align="center">PACS/RIS Replacement</p> <p align="center"><i>David Avrin, MD, PhD</i></p>	<p align="center">Featured Scientific Session - Part I</p> <p align="center">Image Processing, 3D, and CAD</p> <p align="center"><i>Katherine Andriole, PhD</i></p>	
10:15 am	Refreshment Break in the Exhibit Hall			
11:45 am	<p align="center">SIIM U 5</p> <p align="center">Communicating Results</p> <p align="center"><i>Ramin Khorasani, MD, MPH</i></p>	<p align="center">Scientific Session</p> <p align="center">Imaging Informatics in the Enterprise</p>	<p align="center">Featured Scientific Session - Part II</p> <p align="center">Image Processing, 3D, and CAD</p> <p align="center"><i>Katherine Andriole, PhD</i></p>	
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		
2:45 pm	<p align="center">General Session</p> <p align="center">Live Workflow Demo to Understand Practical Issues of TRIP™</p> <p align="center"><i>Khan M. Siddiqui, MD</i> <i>Eliot L. Siegel, MD</i></p>			
3:30 pm	Refreshment Break in the Exhibit Hall			
5:00 pm	<p align="center">SIIM U 6</p> <p align="center">Data Center</p> <p align="center"><i>Steve Langer, PhD</i></p>	<p align="center">Hot Topic 4</p> <p align="center">Intellectual Property</p> <p align="center"><i>Bruce Reiner, MD</i></p>	<p align="center">Scientific Session</p> <p align="center">TRIP™</p>	<p align="center">Scientific Poster & Demonstration Session</p>

DAY 3
Saturday, June 9, 2007

	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	PACS Professional Advancement Roundtable	PACS Troubleshooting Roundtable	PACS High Availability Roundtable
8:00 am	SIIM U 7 IHE <i>David Channin, MD</i>	Hot Topic 5 Enterprise Education <i>John Carrino, MD, MPH</i>	Scientific Session Imaging Informatics Administration	
9:30 am	Refreshment Break in the Exhibit Hall			
10:15 am	SIIM U 8 Security <i>Barton Branstetter, MD</i>	SIIM U 9 Digital Mammography <i>Anthony Seibert, PhD</i>	Hot Topic 6 Imaging Informatics Research (CaBIG) <i>Bradley Erickson, MD, PhD</i>	
11:45 am	Visit the Exhibit Hall			
1:15 pm	SIIM U 10 Enterprise Integration Strategies Toward the Multimedia EHR <i>Paul Chang, MD</i>	Hot Topic 7 DICOM Update <i>David Clunie, MBBS</i>	Featured Scientific Session - Part I Productivity and Workflow <i>Eliot Siegel, MD</i>	
2:45 pm	Refreshment Break			
3:30 pm	Virtual Facility Tour Session <i>MD Anderson Cancer Center Representatives</i>	Hot Topic 8 DICOM Calibration <i>Kenneth Fetterly, PhD</i>	Hot Topic 9 Leveraging IT for Quality & Safety <i>Curtis Langlotz, MD, PhD</i>	Featured Scientific Session - Part II Productivity and Workflow <i>Eliot Siegel, MD</i>
5:00 pm				

DAY 4
Sunday, June 10, 2007

	Attendee Registration Hours 7:00 am - 10:00 am		
7:00 am	Open Source Roundtable	RT Roundtable	PACS Administration Panel Discussion Roundtable
8:00 am	SIIM U 11 Economics <i>George Bowers, MBA</i>	SIIM U 12 IIP Survival Guide: Getting Through the Night <i>Paul Nagy, PhD</i>	Hot Topic 10 Ask the Experts Panel <i>David Weiss, MD</i>
9:30 am	Refreshment Break		
10:00 am	Closing General Session Biomedical Informatics: Its Relationship to Imaging Research and Practice <i>Edward H. Shortliffe, MD, PhD</i>		
12:00 pm			

KEY

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

PLEASE NOTE The program sessions are preliminary and subject to change or substitutions.

IMAGING INFORMATICS PROFESSIONAL (IIP) PRE-CONFERENCE SYMPOSIUM

8:30 am to 5:00 pm
Wednesday, June 6, 2007
Rhode Island Convention Center

Registration: 7:00 am – 8:30 am

\$200 USD (meals and course syllabus included). This is the fifth year for this highly rated SIIM pre-conference course. Space is limited. Register now and reserve your space by using the SIIM 2007 meeting registration form in this brochure or online at www.siimweb.org. Category 1 CME credit/Category A continuing education credit is available for course attendees.

Symposium Description

This one-day session will address the knowledge gap experienced by many PACS administrators by introducing and exploring the blend of competencies required for imaging informatics administration. This course is designed to assist individuals who have interest or plan to take the Imaging Informatics Professional (IIP) certification test. It focuses on topics included in the CIIP Certification Test Content Outline (see certification section of www.siimweb.org) that are not covered in other sessions within the SIIM 2007 Annual Meeting.

Each presentation will direct participants to the following resources to assist in preparation for taking the certification test:

- Recommended sessions within the IIP educational track within SIIM University relevant to the Test Content Outline (TCO);

- List of publications dealing with the topic;
- List of applicable websites regarding the topic that will provide greater detail for study.

Target Audience

Individuals who are interested in pursuing professional certification and those who want to learn more about the wide range of competencies and skills required for this career.

PROGRAM OVERVIEW

- 1 Program Introduction (includes discussion of the CIIP TCO, overview of the course, and a walkthrough of the SIIM 2007 meeting)
- 2 PACS Procurement and Project Management (TCO Sections I, II)
- 3 PACS Operations (TCO Section III)
- 4 Communications and Training (TCO Sections IV, V)
- 5 Image Management (TCO Section VI)
- 6 Information Technology and System Management (TCO Sections VII, VIII)
- 7 Medical Informatics and Clinical Engineering (TCO Sections IX, X)
- 8 Group Discussion and Conclusions

Presented by the SIIM Imaging Informatics Professional Education Subcommittee

CHAIR

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

MEMBERS

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Ann. L Scherzinger, PhD
University of Colorado Health Science Center

Salvador O. Tejada
*Radiology & Imaging Specialists
Lakeland*

Hot Topic Sessions

Invited speakers and key thought leaders present in-depth, specialized learning opportunities on cutting-edge and timely topics.

NEW AT SIIM 2007!

Hot Topic Breakout Sessions

To provide further opportunity for attendees to ask questions of speakers or pursue a specific follow-up area of interest, Breakout Sessions have been added to Hot Topic sessions 1, 3 and 9 this year. Following the 1 1/2-hour session, an informal, 1 hour breakout session will be held for those interested in participating. The sessions will facilitate networking and accessibility to speakers for these Hot Topics.

HOT TOPIC SESSION 1

Procedure Room Workflow

Thursday, June 7
10:15 am - 11:45 am

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*

DESCRIPTION This session will discuss the current state of workflow in both the Interventional Suite (Interventional Radiology/Cardiology) and its environment including information gathering, patient scheduling, results presentation and reporting. HI-IQ will be presented as an example of a practice coordination tool. We will also discuss workflow optimization in the OR. Possible future enhancements to the interventional environment will be presented integrating information gathering and data presentation in the IR suite.

Breakout Session!

1 hour breakout discussion immediately following this session.

HOT TOPIC SESSION 2

Regional Health Information Organizations (RHIOs)

Thursday, June 7
3:30 pm - 5:00 pm

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*

DESCRIPTION Physician access to historic medical data is essential in providing quality care and, in some cases, may directly reduce the number of ordered duplicative procedures or tests (e.g. imaging studies). Traditional methods for accessing outside records are usually fraught with inefficiencies. The concept behind RHIO is to develop a seamless informatics solution that provides on-demand access of historical medical data between disparate institutions without the existence of a common medical identifier. This session will discuss the RHIO concepts and showcase how a RHIO using IHE profiles will allow sharing of imaging studies between institutions.

HOT TOPIC SESSION 3

PACS/RIS Replacement

Friday, June 8
8:00 am - 9:30 am

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.*

DESCRIPTION PACS and/or RIS replacement is a daunting undertaking. This session will focus on criteria for deciding on upgrade versus replacement. Strategic alternatives for safe replacement will be presented. Tactical technical issues related to migration of DICOM image data, and PACS and RIS databases will be discussed. The option of replacement by an integrated RIS/PACS will also be examined.

Breakout Session!

1 hour breakout discussion immediately following this session.

HOT TOPIC SESSION 4

Intellectual Property

Friday, June 8
3:30 pm - 5:00 pm

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.*

DESCRIPTION Intellectual property (IP) development is the principal driver of technology innovation throughout health care and is essential to the invention of new technologies and applications driving the digital transformation of medical imaging and informatics. This session will review a number of topics pertinent to IP development from the clinical, engineering, business, and legal perspectives. The topics presented will include: Overview on IP Invention; IP and IT: Past, Present, and Future; Case Study of IP Litigation: Blackberry and RIM; IP Economics and Commercialization; and Practical Guide for IP Wannabes.

HOT TOPIC SESSION 5

Enterprise Education

Saturday, June 9
8:00 am - 9:30 am

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*

DESCRIPTION This session will include three lectures. The first will focus on using advanced imaging and 3-dimensional processing techniques to teach house officers and medical students relevant anatomical concepts. The second will describe a new program for training the Certified Imaging Informatics Professional (CIIP). The third will highlight opportunities for more specialized imaging informatics training.



HOT TOPIC SESSION 6

Imaging Informatics Research (CaBIG)

Saturday, June 9
10:15 am - 11:45 am

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*

DESCRIPTION The *in vivo* imaging workspace of CaBIG is an NCI-funded effort to advance the involvement of imaging in cancer research, primarily focused on clinical trials. This effort began in September 2005, and has successfully issued contracts for software to assist in image analysis for cancer research. Other activities include advancement of standards, as well as advancing the state of vocabularies and standard data elements for imaging. It has also developed a testbed for demonstration of software and projects.

HOT TOPIC SESSION 7

DICOM Update

Saturday, June 9
1:15 pm - 2:45 pm

SESSION CHAIR David A. Clunie, MBBS
RadPharm

PARTICIPANTS Robert Horn, *Agfa Healthcare*; Lawrence R. Tarbox, PhD, *Washington University School of Medicine*

DESCRIPTION Though discussion of DICOM generally is focused around the subject of modality-specific image types and the services required to support PACS and RIS workflow and reporting management, other areas of DICOM are undergoing active development and deployment. This session is intended to introduce the attendee to more “exotic” areas of DICOM that are becoming increasingly more relevant as installations become more heterogeneous, complicated to manage and yet are expected to support more sophisticated applications. The focus will be on how new objects and services address advanced use cases.

HOT TOPIC SESSION 8

DICOM Calibration

Saturday, June 9
3:30 pm - 5:00 pm

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

PARTICIPANTS Michael J. Flynn, PhD, *Henry Ford Health System*; Hans Roehrig, PhD, *University of Arizona*

DESCRIPTION Calibration of the luminance output of liquid crystal displays is necessary to ensure the consistent presentation of medical images. This session will introduce the participant to the theory and practice of display calibration via the DICOM Grayscale Standard Display Function. Opportunity for “hands-on” interaction with calibration software will be provided. The speakers for this session will also be available for independent discussion of the theory and practice of calibrating both grayscale and color displays.

HOT TOPIC SESSION 9

Leveraging IT for Quality and Safety

Saturday, June 9
3:30 pm - 5:00 pm

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*

DESCRIPTION This session will describe ways that Information Technology can be used to measure, monitor, and enhance quality and safety in your radiology practice, including methods to improve the communication between radiologists and technologists for improved image quality, and metrics to enhance quality of care by optimizing radiology test ordering. Proactive systems that direct physician actions, resulting in better quality and safety, will be described.

Breakout Session!

1 hour breakout discussion immediately following this session.

HOT TOPIC SESSION 10

Ask the Experts

Sunday, June 10
8:00 am - 9:30 am

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*

DESCRIPTION This session will be an open Q & A forum with three experienced and knowledgeable experts responding to questions from the audience. We will expect to hear differing opinions on some topics. Attendees should benefit not only from having their own questions answered but also sharing in the rich experience of other users.

Participate in introductory, intermediate, and advanced lectures to learn the fundamentals through the advanced applications of PACS, RIS, EMR, CAD, CR/DR, IHE, TRIP™, and more. The 2007 SIIM University curriculum features 12 sections.

• **SECTION 1 | DIGITAL RADIOGRAPHY**
Thursday, June 7, 10:15 am - 11:45 am

SECTION HEAD Charles E. Willis, PhD
UT MD Anderson Cancer Center

101 Fundamentals of Digital Radiography

Charles E. Willis, PhD
UT MD 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
Regina O. Redfern, BBA, RT(R)
University of Pennsylvania Medical Center

DESCRIPTION Projection radiography remains the workhorse of modern imaging departments. Large-scale imaging informatics systems, therefore, depend on devices that capture projection radiographs in digital form. An understanding of the principles of digital radiography is important for personnel involved in the acquisition, transmission, storage, and display of digital radiographs, as well as those who make diagnoses from these images. This section considers the devices that produce digital projection radiographs, and how these devices and images differ from conventional analog radiography.

• **SECTION 2 | PACS OPERATIONAL POLICIES & PROCEDURES**

Thursday, June 7, 1:15 pm - 2:45 pm

SECTION HEAD Christopher D. Meenan, MS
University of Maryland Medical System

102 Using a Wiki for Documentation
Christine E. Lees

University of Maryland Medical System

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.

DESCRIPTION While often viewed as a dry subject matter, policies and procedures are truly a vital component of how any organization stays running. They provide guidelines for how any group should act when its important that it act in a consistent and repeatable way. For hospitals and other organizations supporting mission critical systems (such as PACS), policies and procedures can often make the difference between an “always on” system and one that fails to measure up to user expectations.

• **SECTION 3 | 3D & ADVANCED VISUALIZATION**

Thursday, June 7, 3:30 pm - 5:00 pm

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*

DESCRIPTION 3D medical imaging and advanced visualization techniques are profoundly changing the practice of radiology. Management of the hardware, software, and personnel required to perform these tasks is becoming more and more challenging for the typical department and hospital. In this session, industry thought leaders will describe the methods used to harness and advance 3D and other medical visualization techniques at their respective institutions.

• **SECTION 4 | WORKSTATIONS FOR MEDICAL IMAGING**

Friday, June 8, 8:00 am - 9:30 am

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 Medical Center

204 Pervasive Computing:

Workstation Power Anywhere

Woojin Kim, MD
University of Pennsylvania Medical Center

304 Workstation of the Future:

Trends and Developments

David L. Weiss, MD
Geisinger Medical Center

DESCRIPTION Workstations remain a key hardware element for PACS as they are the system to human interface for diagnostic and review tasks. Despite over 20 years of experience of vendors designing workstations and health care professionals using them, there are still criticisms mixed with the praise. This SIIM U track will survey the existing workstation state-of-the-art, addressing both advantages and problems; examine how hand-held and portable devices are changing the way workstations are used and where they are employed; and look to important trends and designs that will impact workstations in the near future.

• **SECTION 5 | COMMUNICATING RESULTS THROUGHOUT THE ENTERPRISE**

Friday, June 8, 10:15 am - 11:45 am

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*

DESCRIPTION Communication gaps among caregivers result in suboptimal quality of care and can negatively impact patient safety. Closing the loop on communication hand-offs has been identified as a key safe practices goal and will be monitored by JCAHO in 2007 and is likely to become an important quality metric for CMS, which could impact payments to caregivers. In this session we will focus specifically on communication of critical test results for medical imaging. We will define important functional elements to successfully closing the communication loop in the context of Joint Commission on Accreditation of Hospital Organizations (JCAHO) requirements. We will then discuss how IT solutions can potentially help healthcare organizations meet this important patient safety goal.

• **SECTION 6 | DATA CENTER**

Friday, June 8, 3:30 pm - 5:00 pm

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

DESCRIPTION This session will feature an overview of storage, disaster recovery, high availability and business continuity technologies; policies (change management, contract negotiations, and service level agreements) that affect the above-mentioned; and adopting an enterprise imaging archive, both from the vendor and customer view.

• **SECTION 7 | IHE**

Saturday, June 9, 8:00 am - 9:30 am

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.

DESCRIPTION Now entering its 9th year, IHE is exploding with growth both nationally and internationally. This session will provide an update of the organization, its latest activities in radiology, and its adoption as the core of national electronic medical records.

Offered in conjunction with the RSNA.

- **SECTION 8 | SECURITY**

Saturday, June 9, 10:15 am - 11:45 am

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

DESCRIPTION This session will review the basic concepts of network security within the medical enterprise, and review some of the recent technological advances in this field. Particular emphasis will be placed on wireless security. An illustrative, in-depth example of a security failure will be given, with a discussion of the impact on the medical enterprise, and a practical presentation on how the infection was contained and the network repaired.

- **SECTION 9 | DIGITAL MAMMOGRAPHY**

Saturday, June 9, 10:15 am - 11:45 am

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

DESCRIPTION This course provides information regarding clinically relevant issues and considerations for digital mammography. The first talk is geared towards the issues that have confronted the radiologist in terms of a paradigm shift from screen-film workflow, to a hybrid workflow, to an all-digital workflow. In the second talk, a review of the new ACR guideline on determinants of image quality in digital mammography that suggests minimum levels of performance will be discussed, with the ramifications on acquisition, display, and storage issues that must be considered for implementation. For the advanced course, the adaptation of Computer Aided Detection (CAD) to digital mammography is shown to provide new capabilities and opportunities for improved performance, as well as better interaction with the radiologist for cueing, advising, and reporting.

- **SECTION 10 | ENTERPRISE INTEGRATION STRATEGIES TOWARD THE MULTIMEDIA EHR**

Saturday, June 9, 1:15 pm - 2:45 pm

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*

DESCRIPTION Medical images play an important role in patient management. These images must be seamlessly integrated into the electronic health record (EHR) to realize maximal utility. This course will introduce participants to strategies and approaches to successfully integrate electronic medical images from radiology, cardiology, and other sources into the EHR. The requirement to properly understand and accommodate domain specific workflow models cannot be underestimated. Domain specific workflow models from radiology, cardiology, and visible light image producers will be introduced. While extremely useful, edge protocols such as DICOM and HL7, as well as integration initiatives based on these protocols (IHE), can be augmented by incorporating newer integration approaches such as Service Oriented Architecture (SOA), web services, and XDS-I (Cross-Enterprise Document Sharing for Imaging). Examples of these newer integration approaches will be discussed.



- **SECTION 11 | ECONOMICS**

Sunday, June 10, 8:00 am - 9:30 am

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

DESCRIPTION This session focuses on the economics of PACS and healthcare IT investments. The first session is an introduction to the economics of PACS and where a return on investment can be found. The second session is a case study on how a significant investment in IT infrastructure was justified in a multi-facility health care organization. The final session presents an executive overview on realizing value from investments in IT.

- **SECTION 12 | IMAGING INFORMATICS PROFESSIONAL (IIP) SURVIVAL GUIDE: GETTING THROUGH THE NIGHT**

Sunday, June 10, 8:00 am - 9:30 am

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

DESCRIPTION Let's face it, PACS isn't perfect. The survivor's guide track is a gritty look at PACS from the eyes of seasoned veterans, who will share potential pitfalls and discuss how to fix problems quickly. Presenters will also discuss some free tools that professionals may use to assure them that everything is alright, and talk about some traits and practices necessary to thrive in this high-pressure environment.

Scientific Program

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, and the Roger A. Bauman Award for Best Student Paper. Student papers eligible for the Bauman Award are designated with an asterisk.

SCIENTIFIC SESSION

Infrastructure

Thursday, June 7, 1:15 pm - 2:45 pm

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**
Krzysztof Raczka, MSc
DHL Aviation
- **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
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

Optimizing the Interpretation Process
Thursday, June 7, 1:15 pm - 5:00 pm

CHAIR Elizabeth A. Krupinski, PhD
University of Arizona

1:15 pm – 2:45 pm - Part I
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

3:30 pm – 5:00 pm - Part II
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

7th Annual R&D Symposium

Thursday, June 7, 10:15 am – 11:45 am

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

- SIIM 2006 Grant Recipient Research Findings
 - TRIP™ Update
- "Proving Equivalence – the same as the other guy"

The SIIM Research and Development Committee will present its 7th symposium. The symposium will feature 3 topics. William Boonn, MD, University of Pennsylvania, will present a progress report on his SIIM 2006 grant project, "An Open Source Web-based Application for Radiology Decision Support." Katherine Andriole, PhD, Brigham & Women's Hospital, Harvard Medical School, will then provide an update on the SIIM TRIP™ Initiative – current focus and planned future efforts. Elizabeth Krupinski, PhD, will conclude with a brief tutorial on proving equivalence in the evaluation of imaging techniques.

SCIENTIFIC SESSION

Imaging Informatics in the Enterprise

Friday, June 8, 10:15 am - 11:45 am

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**
Christine E. Lees
University of Maryland Medical System
- **Collecting 48,000 CT Exams for the Lung Screening Study of the National Lung Screening Trial**
Kenneth W. Clark, MS
Washington University/Mallinckrodt Institute

SCIENTIFIC SESSION

TRIP™

Friday, June 8, 3:30 pm - 5:00 pm

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

* Student papers eligible for the Roger A. Bauman Student Paper Award

- **A Lookup and Reference Tool for Pulmonary Computed Tomography Nodules**
Timothy C. Disney
Seattle Pacific 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**
Guy Paré, PhD
HEC Montreal

SCIENTIFIC SESSION

Imaging Informatics Administration

Saturday, June 9, 8:00 am - 9:30 am

CO-CHAIRS

Bradley J. Erickson, MD, PhD

Mayo Clinic, Rochester

Charles E. Willis, PhD

University of Texas,

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

FEATURED SCIENTIFIC SESSION

Image Processing, 3D, & CAD

Friday, June 8, 8:00 am - 11:45 am

CHAIR Katherine P. Andriole, PhD

Brigham & Women's Hospital,
Harvard Medical School8:00 am – 9:30 am – Part I
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**
Marcelo Costa Oliveira, PhD
Universidade de São Paulo
 - **Near-optimal 3D Context Modeling for JPEG2000 Part 10**
Tim Bruylants, MSc
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 ***
Krishna Juluru, MD
VA Maryland Health Care System/
JHU School of Medicine
- 10:15 am – 11:45 am – Part II**
Advanced Processing in the Clinical Arena
SPEAKER Matthew A. Barish, MD
Brigham & Women's Hospital,
Harvard Medical School
- **The Principle of a Sensitive & Accurate Deconvolution 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/
JHU 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

FEATURED SCIENTIFIC SESSION

Productivity and Workflow

Saturday, June 9, 1:15 pm - 5:00 pm

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

1:15 pm – 2:45 pm – Part I
Redesigning the Radiology Reading Room to Maximize Productivity and Workflow: Practical Experience, Hints, and Recommendations

SPEAKER 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**
 Betty Ward
Roper Saint Francis Healthcare

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

3:30 pm – 5:00 pm – Part II
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

SCIENTIFIC POSTERS AND DEMONSTRATIONS

Poster and Demonstration Session

Friday, June 8, 3:30 pm – 5:00 pm

- **Aided Diagnosis Tool for Periodontal Bone Resorption through Odontological Digital Subtraction Radiography**
 Eveline B. Rodrigues
Escola de Engenharia de São Carlos - USP
- **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**
 Thanuj K. Thyagarajan
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
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.
- **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**
 Hee-Joung Kim, PhD
Yonsei University
- **Selection of the Best Features for the Classification of Contour of Mammary Nodules Using Artificial Neural Networks**
 Patricia B. Ribeiro, MS
Escola de Engenharia de São Carlos - USP
- **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



Networking Opportunities

SIIM 2007 OPENING BRUNCH IN THE EXHIBIT HALL

Thursday, June 7, 9:30 am – 1:15 pm

Be sure to join your colleagues and SIIM exhibitors for a delicious brunch and help us kick off the opening of the 2007 Exhibit Hall. A must-attend networking event!

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 – a great way to meet other attendees. Be sure to wear your registration badge at this event. See you there!

Co-sponsored by SIIM and **HealthImagingMedia**



SIIM Annual Membership Meeting and Fellows Induction Luncheon

Friday, June 8, 12:00 pm – 1:00 pm

SIIM members, be sure to attend the Membership Meeting that will also include 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 2007 5K Fun Run

Friday, June 8, 6:30 am

Meet your colleagues and get in some exercise, too! You are invited to the SIIM 5K Fun Run, scheduled to start at the Rhode Island Convention Center. Participants will run along a scenic route that will include the State House, Providence's WaterPlace Park and River Walk, and historic Benefit Street. Everyone is welcome to join in 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! Be sure to register for this event early by using the meeting registration form. On-site registration will also be available at the meeting registration area.

So...spring into action, commit to be fit, and join in the FUN!



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.

ROUNDTABLE BREAKFASTS AT SIIM 2007

- **Resident Roundtable**

Friday, June 8, 7:00 am – 8:00 am

MODERATOR Barton F. Branstetter IV, MD

*University of Pittsburgh Medical Center (UPMC)
Health System*

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

Friday, June 8, 7:00 am – 8:00 am

MODERATOR Bradley J. Erickson, MD, PhD

Mayo Clinic, Rochester

- **PACS Workflow Management Roundtable**

Saturday, June 9, 7:00 am – 8:00 am

MODERATOR David Wild

Fujifilm Medical Systems USA

- **PACS Professional Advancement Roundtable**

Saturday, June 9, 7:00 am – 8:00 am

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

Arkansas Medical Imaging

- **PACS Troubleshooting Roundtable**

Saturday, June 9, 7:00 am – 8:00 am

MODERATOR Christopher D. Meenan, MS

University of Maryland Medical System

- **PACS High Availability Roundtable**

Saturday, June 9, 7:00 am – 8:00 am

MODERATOR Steve G. Langer, PhD

Mayo Clinic, Rochester

- **Open Source Roundtable**

Sunday, June 10, 7:00 am – 8:00 am

MODERATOR Paul G. Nagy, PhD

University of Maryland School of Medicine

- **RT Roundtable**

Sunday, June 10, 7:00 am – 8:00 am

MODERATOR Shaun Hill, RT (R)

High Point Regional Health System

- **PACS Administration Panel Discussion**

Sunday, June 10, 7:00 am – 8:00 am

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

SIIM-affiliated User Group Meetings

SIIM recognizes the synergy that arises when individuals working with the same technologies are brought together to form a community of users. SIIM-affiliated user groups leverage the power of a multidisciplinary membership. Attend a pre-conference user group meeting on Wednesday, June 6, at The Westin Providence Hotel.

There is no separate registration fee for user group meetings, but participation is restricted to customers of the specific vendors.



FUSUN
Fuji Synapse Users Network

9:00 am - 5:00 pm, Annual Education Meeting



IRISS
IDXRAD Radiology Information System Society
8:00 am - 6:00 pm, Annual Education Meeting



SUMMIT
Society for Users of McKesson Medical
Imaging Technology

9:00 am - 5:00 pm, Annual Education Meeting

NEW THIS YEAR!!

VIRTUAL FACILITY TOUR

This year SIIM introduces a “virtual” facility tour of the M.D. Anderson Cancer Center in Houston. 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. In addition, a session featuring representatives from M.D. Anderson will be held on Saturday, June 9, 3:30 pm – 5:00 pm.



OBJECTIVES

- Understand the benefits of not only PACS-RIS integration but also PACS-EMR integration with an in-house developed worklist engine prioritizing the radiologist’s interpretation;
- Appreciate the workflow efficiencies of an electronic whiteboard;
- Understand the workflow process of CD disk importation and film digitization; and
- Demonstrate the implementation of automated PACS QA and QC workflow processes.



Visit the SIIM 2007 Technical Exhibits!

This is an excellent opportunity to meet with more than 150 companies expected to showcase their most exciting products and services available on the market. If you are planning to purchase, upgrade or simply want to stay abreast of the latest trends, then you don't want to miss a visit to the SIIM 2007 exhibit hall.

Exhibit Hall Dates & Hours

Thursday, June 7
9:30 am – 4:30 pm

Friday, June 8
9:30 am – 4:30 pm

Saturday, June 9
9:30 am – 1:00 pm

Exhibitors

Listed below are just some of the leading-edge companies that will help you discover what's available and which solutions may best meet your needs.

(The following companies have confirmed their participation at SIIM 2007 as of publication time)

Acuo Technologies
ADVANCE Newsmagazines
AFC Industries, Inc.
Agfa HealthCare Corporation
AMICAS, Inc.
Anthro Corporation
Applied Radiology
Aspyra, Inc.
Avnet Technology Solutions
Avreo, Inc.
Aware, Inc.
aycan Medical Systems
Barco
Biophotonics International
BRIT Systems, Inc.
Cambridge Computer Services, Inc.
Canon Medical Systems
Clarkson College
CLICKVIEW Corporation
CoActiv Medical Business Solutions
Codonics, Inc.
Commissure
Compressus, Inc.
Connect Imaging, Inc.
Contour Design, Inc.
Data Distributing, LLC
DatCard Systems, Inc.
DeJarnette Research Systems, Inc.
Diagnostic Imaging
Diagnostico Journal
Dictaphone, a division of Nuance
Dolbey
Double Black Imaging
DR Systems, Inc.
Dynamic Imaging
Eastman Kodak
Emageon, Inc.
ETIAM
Excalibur Medical Imaging
Foresight Imaging
Fujifilm Medical Systems USA, Inc.
GE Healthcare
Health Data Management Magazine
Health Imaging Media
Healthcare Informatics Magazine
Hewlett-Packard Company
Hologic, Inc.
IC2E, Inc.
IDC (Imaging Dynamics)
Images-on-Call
Imaging Economics Magazine
Imaging Technology News
INFINITT North America, Inc.
InSite One, Inc.
Intelerad Medical Systems Inc.
Konica Minolta Medical Imaging USA, Inc.
Matrox Graphics, Inc.
Maxant Technologies, Inc.
McKesson Provider Technologies
Medical Imaging Magazine
Medicalis Corporation
MedQuist, Inc.
Mercury Computer Systems, Inc.
Merge Healthcare
MIMvista Corporation
mPlexus
NAI Technology Products
NEC Display Solutions
NeoTool, LLC
Neurostar Solutions, Inc.
Novarad Corporation
OrthoView
PACSGEAR, Inc.
PACSHealth
Pegasus Imaging Corporation
PenRad Technologies, Inc.
Planar Systems, Inc.
Plasmon, Inc.
Radical Radiology
RADinfo SYSTEMS
Radiology Today
RCG HealthCare Consulting
RedRick Technologies Inc.
Richardson Electronics
Riverain Medical
RT Image
Sage Software
SclImage
Siemens Display Technologies
Siemens Medical Solutions USA, Inc.
Sorna Corporation
Springer
Swearingen Software, Inc.
TeraRecon, Inc.
VIDAR Systems Corporation
Vital Images, Inc.
Voyager Imaging
XYBIX Ergonomic Furniture

** SIIM corporate members are in boldface type*

Corporate Sponsors

SIIM would like to thank the following exhibitors for their generous support the SIIM 2007 Annual Meeting.

PLATINUM LEVEL



Eastman Kodak
• Meeting Registration Bags

Kodak

Health Imaging Media

Health Imaging Media
• Welcome Reception

GOLD LEVEL

AGFA



Agfa Healthcare
• Meeting Padfolios



Barco
• Audio Visual Equipment
for Educational Sessions



Emageon
• Hotel Key Cards & Meeting
Publications Belly Band

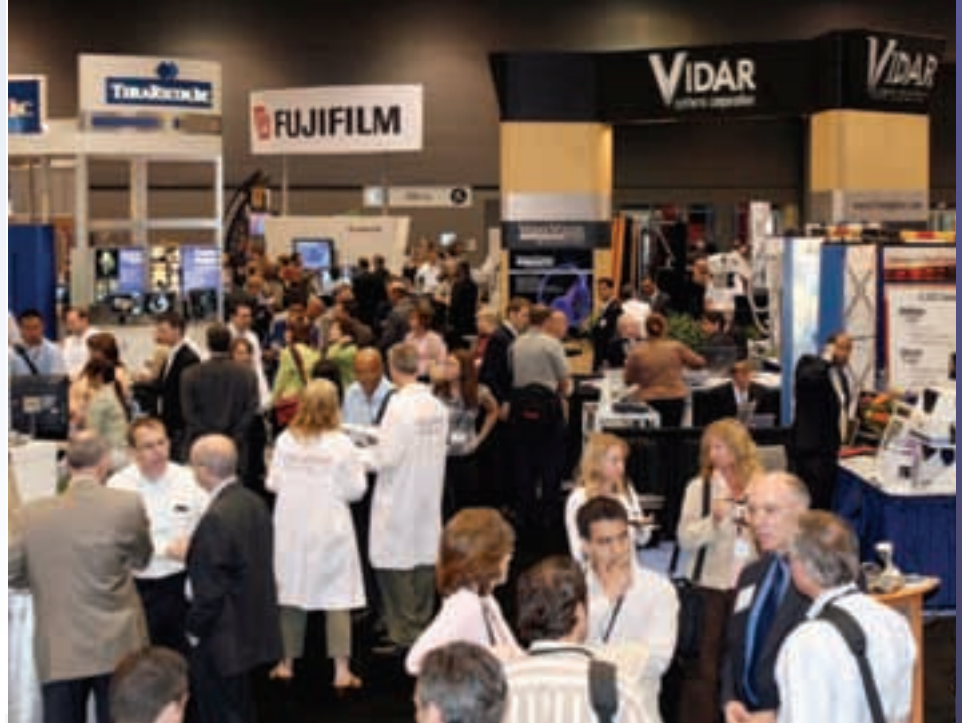
FUJIFILM

Fujifilm Medical Systems USA, Inc.
• Meeting Badge Lanyards

SILVER LEVEL



Novarad Corporation
• Internet Lounge & Kiosks



Dedicated Exhibit Hall Hours

SIIM is offering the following dedicated exhibit hall hours for exhibitors and attendees to meet with one another and learn about what companies are offering the imaging informatics professional.

Thursday, June 7

9:30 am – 1:15 pm
Opening Brunch

2:45 pm – 3:15 pm
Refreshment Break

Friday, June 8

9:30 am – 10:15 am
Refreshment Break

11:45 am – 1:15 pm
Lunch in the Exhibit Hall

2:45 pm – 3:15 pm
Refreshment Break

Saturday, June 8

9:30 am – 10:15 am
Refreshment Break



Registration Information

Save When You Register Early!

Early Bird Registration Deadline May 4, 2007

Registering by May 4, 2007, saves you money. Save \$50 by registering by the early bird deadline. **SIIM Members** - be sure to return your renewal notices with payment to receive the discounted member rate on your SIIM 2007 registration.

Three Easy Ways to Register!

INTERNET www.siimweb.org
For credit card registration only



FAX 703-723-0415
For credit card registration only



MAIL SIIM 2007 Meeting Registration
19440 Golf Vista Plaza, Suite 330
Leesburg, VA 20176



Please allow 3 weeks for receipt of your registration confirmation email. Keep a copy of this form for your records.

Registration Fees

Payments must be made in U.S. dollars by check, money order, VISA, MasterCard, AMEX or Discover.

Payment in full is required to process your registration.

Your meeting fee includes: refreshment breaks each day, brunch on Thursday, lunch on Friday, and reception on Friday.

Cancellations/Refunds

If you are unable to attend the SIIM Annual Meeting for which you've registered, notify SIIM in writing. Cancellations must be received no later than May 14, 2007. All refunds are subject to an \$80 cancellation fee. Registration cancellations received after this date are not refundable.

Registration Categories

SIIM MEMBER, NON-MEMBER, NEW SIIM MEMBER: Includes badge, final program, all sessions, entry into the exhibit hall, and SIIM 2007 abstract book. Non-members may elect to add their first year of membership for a discounted fee by registering in the New SIIM Member category.

ONE DAY ONLY: Includes badge, final program, all sessions, entry into the exhibit hall, and SIIM 2007 abstract book. SIIM membership may be purchased separately.

SIIM RESIDENT/STUDENT MEMBERS: For SIIM Resident/Student members, meeting registration is complimentary. Documentation of full-time student status is required. All SIIM Resident/Student members receive the full package of meeting materials.

NEW SIIM RESIDENT/STUDENT APPLICANTS: Residents/Students applying to be SIIM members at the 2007 annual meeting will receive complimentary meeting registration as part of their annual membership. Documentation of full-time student status is required. All SIIM Resident/Student members receive the full package of meeting materials.

SPOUSE/COMPANION: The registration fee for a Spouse/ Companion is offered to any full-paying registrant for a fee of \$50 and includes tickets to the opening and welcome receptions (breakfast and lunches during the meeting are restricted to paid attendees). One badge per registration will be given. The Spouse/ Companion must not be a member, potential member, speaker, or guest. The SIIM 2007 abstract book is not included. Changes to these badges will not be allowed while on meeting site.

PRE-CONFERENCE PROGRAM: The Imaging Informatics Professional Symposium has an additional registration fee.

Badges

Attendees must wear badges at all times. You will not be admitted to the Exhibit Hall, General Sessions, or Educational Sessions without the proper badge.

Special Needs

If you have special needs under the Americans with Disabilities Act (ADA), please contact SIIM at 703-723-0432.

SIIM 2007 Registration Dates and Hours

Wednesday, June 6
4:00 pm – 8:00 pm

Thursday, June 7
6:30 am – 5:00 pm

Friday, June 8
7:00 am – 5:00 pm

Saturday, June 9
7:00 am – 5:00 pm

Sunday, June 10
7:00 am – 10:00 am

SIIM 2007 Annual Meeting Registration Form
Providence, Rhode Island
June 7-10, 2007



SIIM Imaging Informatics Professional Symposium
June 6, 2007

First Name	Middle Initial	Last Name	Degree
Title		Department	
Institution			
Mailing Address			
City	State/Prov	Zip	Country (if not US)
Phone Number	Fax Number		
E-Mail Address			

SIIM Annual Meeting Registration Rate Thursday, June 7 – Sunday, June 10, 2007	Early Bird Until 5/04/07	After 5/04/07 and On Site	Enter Amount
<input type="checkbox"/> SIIM Member Rate	\$445	\$495	_____
<input type="checkbox"/> SIIM Resident/Student Member Rate <i>Letter from Program Director confirming Residency/Full-Time Student Status Required</i>	\$0	\$0	_____
<input type="checkbox"/> Non-Member Rate	\$545	\$595	_____
<input type="checkbox"/> New SIIM Applicant* Rate <i>* Includes 1st Year SIIM Membership</i>	\$595	\$645	_____
<input type="checkbox"/> New SIIM Resident/Student Applicant* Rate <i>* Includes 1st Year SIIM Membership</i> <i>Letter from Program Director confirming Residency/Full-Time Student Status Required</i>	\$100	\$100	_____
<input type="checkbox"/> Daily (per day— check day(s) below)			
<input type="checkbox"/> Thursday, June 7	\$200	\$250	_____
<input type="checkbox"/> Friday, June 8	\$200	\$250	_____
<input type="checkbox"/> Saturday, June 9	\$200	\$250	_____
<input type="checkbox"/> Sunday, June 10	\$200	\$250	_____
<input type="checkbox"/> SIIM Imaging Informatics Professional Symposium Wednesday, June 6	\$200	\$200	_____
<input type="checkbox"/> Spouse/Companion Name for Badge _____	\$50	\$50	_____
SIIM Individual Membership Renewal			
<input type="checkbox"/> US/Canadian Member	\$150	\$150	_____
<input type="checkbox"/> International Member	\$200	\$200	_____
<input type="checkbox"/> Emeritus Member	\$100	\$100	_____
<input type="checkbox"/> Resident/Student (USA & Canada only) <i>Letter from Program Director confirming Residency/Full-Time Student Status Required</i>	\$100	\$100	_____
TOTAL AMOUNT ENCLOSED			\$

Payment:

Check enclosed in U.S. Dollars to: SIIM 2007 VISA MasterCard AMEX Discover

Credit Card Number: _____ Expiration date (MM/YY): ____/____

Security Code (3 Digits): _____ Zip code of credit card billing address (US only): _____

Authorizing Signature: _____

Cancellation/Refund Policy

All cancellations and requests for refunds must be in writing and received no later than May 14, 2007. Refunds are subject to an \$80 administrative fee. No refunds will be issued after May 14, 2007.

Request for Continuing Education Credit

- Physicians – Category I Credits for CME offered to physicians.
- Technologists – Category A Credits for CE offered to radiologic technologists.
- Physicist – Medical Physics Continuing Education Credit (MPCEC) offered to medical physicists.
- No CME requested

5K Fun Run

- Please check if you would like to participate in SIIM’s Fun Run, Friday, June 8, 2007 at 6:30 am.

Attendee Profile

<p>Occupation <i>(please select only ONE category–best match)</i> Occupation must be indicated to process meeting registration.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Physician <input type="checkbox"/> Medical Physicist <input type="checkbox"/> Technologist <input type="checkbox"/> Healthcare Administrator (CIOs, CEOs, CFOs) <input type="checkbox"/> PACS Administrator <input type="checkbox"/> Health Information Professional <input type="checkbox"/> Scientist/Researcher <input type="checkbox"/> Computer Scientist <input type="checkbox"/> Engineer <input type="checkbox"/> Educator <input type="checkbox"/> Vendor/Consultant <input type="checkbox"/> Resident/Student 	<p>Meeting Groups <i>(please check ALL that apply)</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> IRISS Member <input type="checkbox"/> FUSUN Member <input type="checkbox"/> SUMMIT Member <input type="checkbox"/> SIIM 2007 Scientific Presenter <input type="checkbox"/> SIIM 2007 Invited Speaker/Faculty <input type="checkbox"/> Pre-Conference Course Speaker
<p>Primary Occupational Setting <i>(please select ONE category–best match)</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> University Hospital <input type="checkbox"/> Military, VA or Govt Hospital <input type="checkbox"/> Community Hospital <input type="checkbox"/> Private Practice (office, clinic or imaging center) <input type="checkbox"/> Corporate <input type="checkbox"/> University/College (non-hospital) <input type="checkbox"/> Government (non-hospital) 	<p>How did you learn of the SIIM 2007 meeting? <i>(select one–best match)</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Colleagues <input type="checkbox"/> Direct Mail <input type="checkbox"/> SIIM News <input type="checkbox"/> Journal of Digital Imaging (JDI) <input type="checkbox"/> SIIM Website <input type="checkbox"/> Internet Link (please specify) _____ <input type="checkbox"/> Other Publication (please specify) _____
<p>Medical Specialty <i>(select one category–best match)</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> Radiology <input type="checkbox"/> Cardiology <input type="checkbox"/> Nuclear Medicine <input type="checkbox"/> Oncology <input type="checkbox"/> Information Systems <input type="checkbox"/> Other _____ 	<p>Interests <i>(select all that apply)</i></p> <ul style="list-style-type: none"> <input type="checkbox"/> PACS Administration <input type="checkbox"/> PACS Implementation <input type="checkbox"/> Connectivity, IT Infrastructure <input type="checkbox"/> Workflow/Productivity <input type="checkbox"/> Image Processing <input type="checkbox"/> Image Compression <input type="checkbox"/> Archive Integrity/Security <input type="checkbox"/> Teleradiology/Image Distribution <input type="checkbox"/> QA for Electronic Images <input type="checkbox"/> Reading Room/Speech Recognition <input type="checkbox"/> Computer-Aided Diagnosis <input type="checkbox"/> Computed Radiography <input type="checkbox"/> Direct Digital Radiology <input type="checkbox"/> TRIP™ <input type="checkbox"/> Other Interest _____

Americans With Disabilities Act

Do you need auxiliary aids or services as identified in the Americans with Disabilities Act Yes No

EARLY-BIRD REGISTRATION DEADLINE: MAY 4, 2007

THREE EASY WAYS TO REGISTER

INTERNET



www.siiimweb.org
 For credit card registration only

FAX



703-723-0415
 For credit card registration only

MAIL



SIIM 2007 Meeting Registration
 19440 Golf Vista Plaza, Suite 330
 Leesburg, VA 20176

Allow up to 3 weeks for receipt of your registration confirmation email. Keep a copy of this form for your records.

NEW for 2007! SIIM Housing Bureau

For the 2007 meeting, SIIM is pleased to provide a housing bureau service to facilitate quickly checking for room availability and making reservations. This service will make it much easier to make and confirm your hotel reservations. Instead of multiple calls to different hotels, you can make a single call and check the room availability in all the SIIM 2007 hotels.

To take advantage of this service, please visit the SIIM Housing Bureau (<http://resweb.passkey.com/go/2007SIIM>). All hotel reservations must be processed by the official SIIM Housing Bureau to receive the SIIM 2007 room discounts. Please do not call the hotels directly.

Housing Deadline: May 14, 2007

Make your reservations early! Make hotel reservations prior to the housing cut-off date to be guaranteed the SIIM discounted rates.

NOTE Do NOT call hotels directly; all reservations are to be made through the SIIM Housing Bureau.

GUARANTEE/HOUSING DEPOSITS POLICY

One night's room and tax is required as the housing deposit. Your guarantee assures room availability until midnight day of arrival date. If you fail to arrive by midnight, your room will be released and may not be available, and you will be assessed a cancellation fee. Non-guaranteed rooms are subject to cancellation by the hotel.

CANCELLATION POLICY A cancellation fee of one's night's room & tax will be charged for reservations cancelled after May 14, 2007. If cancelling a hotel reservation, please note the date and time of your call and secure a cancellation number for your records.

CHANGES & SUBSTITUTION POLICY Any changes and/or substitutions in your reservation should be made through the SIIM Housing Bureau and not the hotel up until May 31, 2007. After this date, changes and/or substitution must be made directly with the hotel. All changes and/or substitutions to reservations are subject to availability and rate.

All changes and/or substitutions made after May 14, 2007 will incur a charge of the one night's room & tax deposit. This policy applies to early departures.

SIIM Hotels

The following hotels are offering discounted rates for the SIIM 2007 Annual Meeting. All rates quoted are in U.S. funds and subject to 13% state and local tax.

- **The Westin Providence Hotel**
One West Exchange Street
\$179 single/double
- **Courtyard by Marriott Providence Downtown**
32 Exchange Terrace
\$159 single/double
- **Hilton Providence Hotel**
21 Atwells Avenue
\$145 single/double
- **Marriott Providence Hotel**
One Orms Street
\$149 single/double
- **Providence Biltmore Hotel**
11 Dorrance Street
\$174 single/double
- **Renaissance Hotel Providence**
5 Avenue of the Arts
\$165 single/double



All hotels with the exception of the Marriott are within walking distance of the Convention Center. A limited shuttle will be available from the Marriott.

GETTING TO PROVIDENCE

Providence is located at the intersection of I-95 and I-195, and is 40 miles from Boston (about a 1 hour car ride) and 185 miles from New York City (about 3 hours by car).

AIRPORT INFORMATION Providence is served by the T.F. Green State Airport. The airport is located approximately 9 miles from the Rhode Island Convention Center and the downtown area.

TRAIN SERVICE Providence is located on Amtrak's Northeast Corridor between Washington DC/New York City and Boston. High speed Acela train service from NYC to Providence takes about 2 1/2 hours. Call 800-USA-RAIL or visit www.amtrak.com. Rail station is 4 blocks from the Convention Center.

CAR RENTAL Enterprise Rent-A-Car is the official rental car provider for SIIM 2007. To receive special rates, call 800-593-0505 or logon to www.enterprise.com and reference the customer number: 49B5370 and pin number: SII.

AIR TRAVEL American Airlines is the official airline provider for SIIM 2007. Logon to www.aa.com and reference SIIM ID code: A8567AU to receive a discounted rate.

AIRPORT SHUTTLE & TAXI SERVICE The airport shuttle is available 7 days a week from 5:00 am to 11:00 pm. The shuttle leaves the airport every hour on the hour. From the hotels they leave every hour on the hour. The cost of the shuttle is \$11.00 each way. 401-737-2868 or toll-free 888-737-7006. Taxi service is available at the airport. The fare is approximately \$30.00 each way.



(formerly SCAR Annual Meeting)

Society for Imaging Informatics in Medicine
19440 Golf Vista Plaza, Suite 330
Leesburg, VA 20176

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SIIM 2007 Dates to Remember

- May 4**
Early-bird Registration Deadline
- May 14**
Housing Deadline
- June 6**
On-site Registration Opens
- June 6**
Pre-conference Symposium
and User Group Meetings
- June 7-10**
Meeting & Exhibit Dates

Become a SIIM Member Today!

To begin your membership, just check the “New SIIM Member” box on the registration form or join online by completing an application on the SIIM website – www.siimweb.org.

Attend the SIIM Annual Meeting and Witness SIIM as:

- A professional organization at the nexus of medical imaging and information technologies
- An open society inclusive of multidisciplinary constituents and multiple medical specialties
- The source for objective, accessible knowledge in imaging informatics to improve medical practice across the enterprise
- A partner supporting innovations in imaging informatics research
- A resource for publications and online educational content that keep you ahead of the learning curve
- A vibrant community for networking with peers, thought leaders, and colleagues in the field of imaging informatics

SIIM MEMBERSHIP BENEFITS INCLUDE:

- Subscription to the peer-reviewed *Journal of Digital Imaging*.
- Access to the “member only” section on the SIIM website.
- Unlimited access to the SIIM Expert Hotline.
- Subscription to the quarterly newsletter, *SIIM News*.
- Reduced registration fees for SIIM conferences.
- Member discounts on SIIM Publications (including the SCAR/SIIM U Primer Series & SIIM U Online).
- Opportunities to network with colleagues – the best way to exchange new ideas and share knowledge.