

1st Annual TRIP™ Conference and Workshop

SCAR

Society for
Computer Applications
in Radiology

**DEADLINE
FOR
ABSTRACT
SUBMISSION**
(Posters Only)
December 15, 2004

Conference Co-Chairs:

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

Richard L. Morin, PhD
*Mayo Clinic
Jacksonville*

THE JOURNEY BEGINS.....

Transforming Medical Imaging

January 31-February 1, 2005

Hyatt Regency Bethesda
Bethesda, MD



The TRIP™ Conference and Workshop received partial financial support from the National Institute of Biomedical Imaging and Bioengineering, NIH

To register, visit
**WWW.
scarnet.
org**

1st Annual SCAR TRIP™ Conference & Workshop

Hyatt Regency Bethesda ■ Bethesda, MD

Monday, January 31

7:30 am – 8:30 am	REGISTRATION	
7:30 am – 8:30 am	CONTINENTAL BREAKFAST	
8:30 am – 12:00 pm	GENERAL SESSION	
8:30 am – 8:45 am	WELCOMING REMARK – Conference Chairpersons	Katherine P. Andriole, PhD <i>Brigham & Women's Hospital Harvard Medical School</i> Richard L. Morin, PhD <i>Mayo Clinic Jacksonville</i>
8:45 am – 9:15 am	PLENARY SESSION I – Digital Imagery Usage by NOAA (National Oceanic & Atmospheric Administration)	
9:15 am – 9:45 am	PLENARY SESSION II – Large Information Volume Management in Aerospace Industry	
9:45 am – 10:15 am	PLENARY SESSION III – Human Perception	Elizabeth A. Krupinski, PhD <i>University of Arizona</i>
10:15 am – 10:30 am	BREAK	
10:30 am – 11:00 am	PLENARY SESSION IV – Image Processing & CAD	Bradley J. Erickson, MD, PhD <i>Mayo Clinic, Rochester</i>
11:00 am – 11:30 am	PLENARY SESSION V – Visualization	Elliot K. Fishman, MD <i>Johns Hopkins Hospital</i>
11:30 am – 12:00 pm	PLENARY SESSION VI – Navigation & User-Interface Design	Eliot L. Siegel, MD <i>Baltimore VAMC/ University of Maryland</i>
12:00 pm – 1:00 pm	LUNCH	
1:00 pm – 1:30 pm	PLENARY SESSION VII – Databases & Integration	Steven C. Horii, MD <i>University of Pennsylvania</i>
1:30 pm – 2:00 pm	PLENARY SESSION VIII – Evaluation of Methodologies & Validation of Performance	Ramin Khorasani, MD, MPH <i>Brigham & Women's Hospital</i>
2:00 pm – 2:30 pm	BREAK	
2:30 pm – 4:30 pm	BREAKOUT #1 – Human Perception	Elizabeth A. Krupinski, PhD <i>University of Arizona</i> Harold L. Kundel, MD <i>University of Pennsylvania</i>
2:30 pm – 4:30 pm	BREAKOUT #2 – Image Processing & CAD	Matthew Brown, PhD <i>UCLA</i> Bradley J. Erickson, MD, PhD <i>Mayo Clinic, Rochester</i>
2:30 pm – 4:30 pm	BREAKOUT #3 – Visualization, Navigation GUI Design	Eliot L. Siegel, MD <i>Baltimore VAMC/ University of Maryland</i> Paul G. Nagy, PhD <i>University of Maryland</i>
2:30 pm – 4:30 pm	BREAKOUT #4 – Databases, Integration, & Evaluation	Steven C. Horii, MD <i>University of Pennsylvania</i> Curtis P. Langlotz, MD, PhD <i>University of Pennsylvania</i>
4:30 pm – 6:00 pm	POSTER SESSION	
6:30 pm – 8:30 pm	DINNER WITH INVITED SPEAKER	

Housing Deadline:

January 11, 2005

Hyatt Regency Bethesda
One Bethesda Metro Center
Bethesda, MD 20814

Reservations:

301-657-1234

Room Rate:

\$150 single/double

- TRIP™ room rates are valid and extended three days before and three days after meeting, based on availability.
- To receive the TRIP™ rate, please be sure to reference the SCAR/TRIP™ Conference
- A one night's advance deposit is required to confirm room reservation. The deposit will be refunded if cancellation of reservation is received 48 hours prior to arrival date. To assure your accommodation, your reservation must be received prior to January 11, 2005 or before the SCAR reservation block is filled. After this time, reservations will be accepted on a space available basis at the TRIP™ meeting rate.

All rates quoted are in US funds and subject to 12% state and local tax. Special suite and upgrade rates are available, call the hotel for more information. Room confirmation will be sent from the Hyatt via email, fax, mail within 3 weeks.

American with Disabilities Statement

Individuals who need auxiliary aids or services as identified in the Americans with Disabilities Act, please contact the SCAR office at 703-757-0054.

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The Journey Begins...

The Society for Computer Applications in Radiology (SCAR) invites you to attend the TRIP™ Conference and Workshop, “Transforming Medical Imaging”. SCAR is sponsoring this scientific meeting to spearhead research, education and discovery of innovative solutions to the problem of healthcare information and image data overload.

Join us for this two-day workshop and explore effective ways to better understand the issues and to facilitate exchange of ideas between researchers and end-user clinicians, between researchers and industry partners, and between scientists in and outside of medicine who struggle with similar issues in their use of image data.

The meeting will include invited speakers on selected topics, focused breakout groups, and discussion with top-level industry executives, innovation leaders and clinicians. Plenary sessions of invited speakers will include experts from areas outside of medicine discussing their approaches to dealing with large image data sets, followed by invited speakers in the key topic areas. These sessions will be followed with break-out discussion sessions and supplemented by a poster session of abstracts submitted by attendees.

Who Should Attend:

- Radiologists
- Physicians
- Biomedical Engineers
- Biomedical Imaging Scientists
- Computer Scientists
- Imaging Informatics Scientists
- Imaging Physicists
- Information Technology Professionals
- Medical Imaging Industry Personnel
- Students or Professionals interested in the problem of very large medical image data sets

Call for Posters:

Abstract Topics

You *must* indicate one abstract topic.

- A. Human Perception
- B. CAD and Image Processing
- C. Visualization
- D. Navigation & User Interface Design
- E. Databases and Integration
- F. Evaluation of Methodologies & Validation of Performance

Electronic Abstract Submission

Visit www.scarnet.org for instructions. This is a paperless submission process; website or email submission required for text. Any figures, whether photographs, graphs, or diagrams, should be submitted electronically on a CD-Rom or floppy disk to the SCAR Office, 10105 Cottesmore Ct., Great Falls, VA 22066. All figures are to be labeled with author name, numbered consecutively and kept separately from the text.

Deadline:

December 15, 2004

For details, go to
**www.
scarnet.
org**

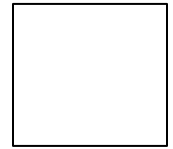
Tuesday, February 1

7:00 am – 8:00 am	CONTINENTAL BREAKFAST	
8:00 am – 12:00 pm	BREAKOUT #1 – Human Perception	Elizabeth A. Krupinski, PhD <i>University of Arizona</i> Harold L. Kundel, MD <i>University of Pennsylvania</i>
8:00 am – 12:00 pm	BREAKOUT #2 – Image Processing & CAD	Matthew Brown, PhD <i>UCLA</i> Bradley J. Erickson, MD, PhD <i>Mayo Clinic, Rochester</i>
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8:00 am – 12:00 pm	BREAKOUT #4 – Databases, Integration, & Evaluation	Steven C. Horii, MD <i>University of Pennsylvania</i> Curtis P. Langlotz, MD, PhD
9:45 am – 10:00 am	BREAK	
12:00 pm – 1:00 pm	LUNCH	
1:00 pm – 3:30 pm	CLOSING SESSION Breakout Leader Reports	Harold L. Kundel, MD Matthew Brown, PhD Eliot L. Siegel, MD Steven C. Horii, MD
	Closing Summary	Katherine P. Andriole, PhD Richard L. Morin, PhD

Contact the SCAR Office at 703-757-0054 or info@scarnet.org for additional information.

SCAR

Society for Computer Applications in Radiology
10105 Cottesmore Court
Great Falls, VA 22066



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What is TRIP™?

TRIP™ (Transforming the Radiological Interpretation Process) is an initiative of The Society for Computer Applications in Radiology (SCAR) to spearhead research, education, and discovery of innovative solutions to the problem of information/image data overload. Burgeoning medical image data sets acquired by digital imaging devices requires the radiological community to shift its image interpretation and management processes. The SCAR TRIP™ Initiative will foster interdisciplinary research on technology as well as environmental and human factors to better manage and exploit the massive amount of information available.

TRIP™ will focus on three fundamental objectives:

- 1) Improving efficiency of interpretation of large data sets;
- 2) Improving the timeliness and effectiveness of communication; and
- 3) Decreasing medical errors.

The ultimate goal of the initiative is to improve the quality and safety of patient care.

Learn more about the TRIP™ presentations and events by going to the SCAR Website and clicking on the *SCAR TRIP™ Initiative*.

Key Dates:

October 6, 2004

ONLINE REGISTRATION OPENS

December 15, 2004

DEADLINE FOR ABSTRACT SUBMISSION
(Posters Only)

January 11, 2005

EARLY-BIRD REGISTRATION DEADLINE
General registration fee: \$250
Student & Government Employees fee: \$100

January 31 – February 1, 2005

AFTER JANUARY 11 & ONSITE
REGISTRATION
General registration fee: \$300
Student & Government Employees fee: \$150

*NOTE: Space is limited,
registration will be
accepted on a first-come
first-served basis.*

To register, visit
**www.
scarnet.
org**

EARLY-BIRD REGISTRATION & HOUSING DEADLINE — January 11, 2005