

Friday May 13th - Saturday May 14th, 2011

NOVOTEL TORONTO CENTRE | 45 The Esplanade, Toronto, ON M5E 1W2

7th Annual Medical Imaging Informatics & Teleradiology Conference

TARGET AUDIENCE:

This conference is intended for an audience of **Healthcare Professionals**: Radiologists, Physicians, Engineers, Technologists, PACS Managers, DI Managers, IT Professionals, CIO/CTO's, & all other Professionals interested in Medical Imaging & Teleradiology.

OBJECTIVES:

The MIIT conference addresses issues arising from the growing penetration of computers in medicine & the need to understand the new technologies necessary to acquire, process, store, & exchange medical images. This annual conference brings together experienced speakers to cover challenging topics in the field of medical imaging informatics & provides a unique opportunity to approach the experts & find answers to questions & issues.

Our topics this year will cover Image Compression, Quality Control, Decision Support, Radiation Safety & Productivity Improvement.

For More Information:

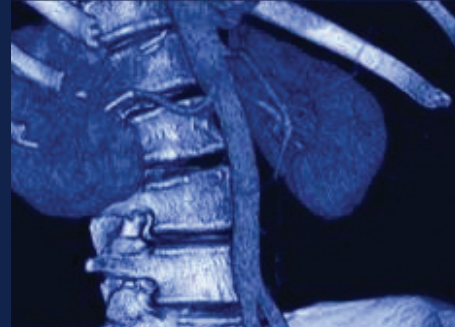
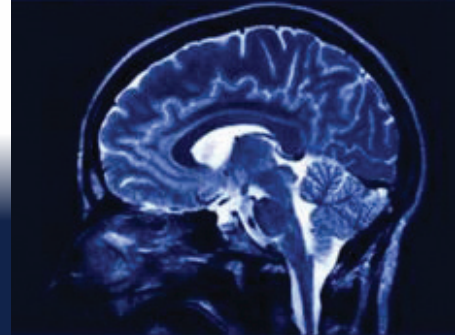
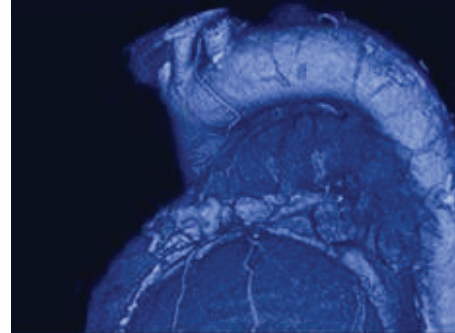
SINEAD IRVINE, Event Coordinator

Continuing Health Sciences Education
McMaster University MDCL 3510
1200 Main Street West, Hamilton ON L8N 3Z5

Phone: 905-525-9140 ext. 22990

Fax: 905-572-7099

Email: irvine@mcmaster.ca



PROGRAM SCHEDULE - DAY ONE

Friday May 13, 2011

7:30-8:15am	REGISTRATION & BREAKFAST
8:15-8:30am	INTRODUCTION
SESSION 1: UPDATE ON ADOPTION OF LOSSY COMPRESSION	
8:30-9:00am	"Implementing Lossy Compression: The Canadian Story" David Koff "Objective Quality Assessment of Compressed Medical Images" Ilona Kowalik-Urbaniak
9:00-9:30am	"To Be or Not to Be - To Purge or Compress?" What to do with image data? Laurence Sutton
9:30-10:00am	"Lessons Learned in Image Compression in Radiology - Results of an ESR Initiative" Peter Mildenberger
10:00-10:30am	BREAK & VENDOR VISITS
10:30-11:15am	"Diagnosis Accuracy in Radiology: Perspectives from Cognitive Psychology" Geoff Norman
11:15-12:00pm	Discussion Panel "The Lossy Compression"
12:00-1:30pm	LUNCH
SESSION 2: Q & A IN RADIOLOGY	
1:30-2:10pm	"Points of Failure Between Pixel & Report: Technical & Human Strategies to Reduce Errors in Radiology" Greg Butler
2:10-2:50pm	"Population Trends in Diagnostic Imaging Use: Are They Appropriate?" John You
2:50-3:30pm	"Can CPOE & Clinical Decision Support Improve Appropriateness & Wait Times For High Cost Imaging?" Ramin Khorasani
3:30-4:00pm	BREAK & VENDOR VISITS
4:00-4:40pm	"QA in Radiology Practice Linking Resident Education with Quality Improvement" Stephen Baker
4:40-5:00pm	"Quality Assurance In Real Life: The McMaster Experience" Naveen Parasu
5:00-5:20pm	"Practical Aspects of Managing Quality Assurance Processes" Paul Pierre
5:20-5:30pm	WRAP UP & EVALUATIONS

PROGRAM SCHEDULE - DAY TWO

Saturday May 14, 2011

7:30-8:15am	REGISTRATION & BREAKFAST
8:15-8:30am	INTRODUCTION
SESSION 1: RADIATION SAFETY IN THE DIGITAL AGE	
8:30-9:00am	"The Biological Effects Of Low Dose Diagnostic & Therapeutic Radiation - What are the Real Risks?" Doug Boreham
9:00-9:30am	"Strategies Using IT to Reduce Radiation Exposure" Ramin Khorasani
9:30-10:00am	Practical Dose Tools: "NEMA Dose Check, IHE REM & Legacy Dose Extractors" Kevin O'Donnell
10:00-10:30am	BREAK & VENDOR VISITS
10:30-11:15am	"The REM Project" David Koff/NRC
11:15-12:00pm	Discussion Panel "Radiation Dose in CT"
12:00-1:30pm	LUNCH
SESSION 2: HOW TO IMPROVE PRODUCTIVITY WITH NO MONEY? MORE WITH LESS	
1:30-2:10pm	"Tomosynthesis" Erik Jurriaans
2:10-2:50pm	"MR without Contrast" Michael Noseworthy
2:50-3:30pm	"Taming of the Queue - MRI Process Improvement Initiative at Hamilton Health Sciences" David Wormald
3:30-4:00pm	"Booking Process Improvements using an Electronic Requisition Workflow Solution" Cheryl Tillmans
4:00pm	CLOSING REMARKS & EVALUATIONS

PLANNING COMMITTEE

David A. Koff, MD, FRCPC

Conference Chair
Associate Professor of Radiology
Chair, Department of Radiology
McMaster University
Chief, Department of Diagnostic Imaging
Hamilton Health Sciences
Director MIIRCAM
Hamilton, ON

David Wormald, MRT(R)(MR), BA,MBA

Integrated Assistant Vice President
Diagnostic Services
Hamilton Health Sciences
St Joseph's Healthcare, Hamilton, ON

Sheilah Laffan

Program Administrator
Continuing Health Sciences Education
McMaster University
Hamilton, ON

CONFIRMATION OF REGISTRATION:

A written acknowledgement of your registration will be sent via email to registrants prior to the event. Receipts will be provided in your registrant package.

CANCELLATION POLICY:

The University reserves the right to cancel a course due to insufficient registration or any circumstances that are beyond our control. Cancellations received before **April 28, 2011** will be refunded less a 25% administrative fee. No refunds will be issued for cancellations received after this date.

LIABILITY:

Continuing Health Sciences Education (CHSE) hereby assumes no liability for any claims, personal injury, or damage:

- To any individual attending this conference.
- That may result from the use of technologies, programs, products and/or services at this conference.
- That may arise out of, or during this conference.

ACCOMMODATIONS:

A block of rooms is on hold at the Novotel Toronto Centre for the MIIT Conference at a rate of \$139.00 per room/ per night. Rooms must be booked before **April 28th, 2011** to ensure this special rate. Rooms are available at a first come first serve basis. Hotel reservations can be made directly with the hotel by calling **416-367-8900**.

DIRECTIONS:

Novotel Toronto Centre

45 The Esplanade
Toronto, ON
M5E 1W2
416-367-8900



From Pearson International Airport or Highway 401 Eastbound

- Exit onto Highway 427 South
- Exit Highway 427 onto the Gardiner Expressway (after about 20 mins)
- Exit the Gardiner Expressway onto Yonge St. North
- Immediately after turning onto Yonge St. there will be an overpass
- Immediately after the overpass turn right onto The Esplanade
- The hotel is after the stop sign on the right hand side.

Specific directions can be found on the hotel website:

www.novotel.com/gb/hotel-0931-novotel-toronto-centre/location.shtml

SPEAKERS:

Stephen R. Baker, M.D.

Associate Dean GME
Professor & Chair, Department of Radiology
UMDNJ-New Jersey Medical School

Douglas R. Boreham, Ph.D.

Professor
Department of Medical Physics & Radiation Sciences
McMaster University, Hamilton, ON

Gregory James Butler, Bsc. (Eng-Physc) MD, FRCPC, FACR

Staff Radiologist Valley Regional Hospital
Chair, Board Working Group on Standards
Canadian Association of Radiologists
Kentville, Nova Scotia

Erik Jurriaans, BSc, MB, ChB, DTM&H, FRCR (London), FRCPC

Staff Radiologist & Section Head
Musculoskeletal Radiology, HHS
Associate Professor, Faculty of Health Sciences
McMaster University, Hamilton, ON

Ramin Khorasani, MD, MPH

Vice Chair, Department of Radiology
Director, Quality, Safety & Medical Imaging IT
Director, Center for Evidence-Based Imaging,
Brigham & Women's Hospital
Associate Professor of Radiology
Harvard Medical School, Boston

David A. Koff, MD, FRCPC

Conference Chair
Associate Professor of Radiology
Chair, Department of Radiology
McMaster University
Chief, Department of Diagnostic Imaging
Hamilton Health Sciences
Director MIIRCAM
Hamilton, ON

Ilona Kowalic-Urbaniak, MSc

Department of Applied Mathematics
University of Waterloo, Waterloo, ON

Peter Mildenerger, MD, Ph.D.

Vice-Chair, Associate Professor, Head of
Radiology-IT
Department of Radiology
University Medicine Mainz
Mainz, Germany

Geoff Norman, Ph.D.

Professor, Clinical Epidemiology & Biostatistics
Assistant Dean, Program for Educational
Research & Development
McMaster University, Hamilton, ON

Michael D. Noseworthy, Ph.D., P.Eng

Co-Director, McMaster School of Biomedical
Engineering
Associate Professor, Department of Electrical &
Computer Engineering
Departments of Medical Physics & Radiology
McMaster University, Hamilton, ON

Kevin O'Donnell, MASc.

Senior R&D Manager, Strategic Technologies
Toshiba Medical Research Institute, Inc - USA
Vendor Chair, DICOM Standards Committee
Co-chair, IHE Radiology Planning Cmte
Member, IHE International Board,
San Francisco, CA

Naveen Parasu, MD, MRCP, FRCR, FRCPC

Assistant Professor & Staff Radiologist
Dept of Diagnostic Imaging
Juravinski Hospital & Cancer Center
McMaster University, Hamilton, ON

Laurence N. Sutton, MB ChB, BSc, FRCR, FRCP

National Clinical Advisor PACS
Digital Imaging & Health Informatics
Lead author of the UK Teleradiology Standards
& UK Guidelines on Lossy Compression for
clinical interpretation
Vice President UKRC 2011, 2012
Calderdale and Huddersfield NHS
Foundation Trust

Cheryl Tillmanns, M.R.T.(N)

Business Manager
Department of Diagnostic Services
Hamilton Health Sciences, Hamilton, ON

David Wormald, MRT(R)(MR), BA,MBA

Integrated Assistant Vice President
Diagnostic Services
Hamilton Health Sciences
St Joseph's Healthcare, Hamilton, ON

John You, MD, MSc, FRCPC

Assistant Professor of Medicine & of Clinical
Epidemiology & Biostatistics
McMaster University
Career Scientist, Ontario Ministry of Health &
Long-Term Care
Adjunct Scientist, Institute for Clinical
Evaluative Sciences
Staff Physician, Hamilton Health Sciences, ON

