Imaging Research Center
MRI Conference

MRI:
Imaging for Today and Research for Tomorrow

September 23-24, 2011
Hilton Cincinnati Netherland Plaza
Cincinnati, Ohio

Earn up to 12 ASRT Credits
Purpose
The goal of the conference is to provide continuing education in MRI physics, MRI safety, pediatric neuro and musculoskeletal imaging with a focus on advanced techniques in MRI imaging such as fMRI, DTI and ASL, and highlight the importance of image based research and future applications. The target audience includes Radiologic Technologists, MRI Technologists, department managers, and students nationwide.

Method
The conference will take place at the award winning Hilton Cincinnati Netherland Plaza, one of the world’s finest examples of Art Deco architecture, where rooms have been made available at a discounted rate. Continental breakfast, lunch, break refreshments and reception hors d’oeuvres are included.

Results
This will be an interactive conference where attendees will participate in question and answer sessions to gain further knowledge on each topic. They will also have the opportunity to visit sponsors and discuss products and possible solutions for their department. Tours of the Imaging Research Center laboratories can be arranged by appointment. Please contact Amanda Golsch 513-803-2279 or amanda.woods@cchmc.org

Conclusion
There will be poster presentations and a reception at the close of the first day where attendees will be able to network with sponsors, speakers, and colleagues. There will be great food and conversation in a professional atmosphere. Up to 12 category “A” credit can be earned for full attendance.

Earn up to 12 ASRT Credits
Each presentation is approved for 1 category “A” credit by the ASRT.
Dear Participant,

On behalf of the Imaging Research Center (IRC) at Cincinnati Children’s Hospital Medical Center it is my pleasure to invite you to Cincinnati, Ohio and to our inaugural MRI conference on September 23-24th, 2011.

At the heart of the IRC lies a strong teaching foundation, where training and education are routinely employed and emphasized. Our postgraduate students not only learn the theory and principles of the imaging modalities we use, but receive “hands on” experience in the application of those modalities in both clinical and research settings.

During the conference we look forward to sharing our knowledge, experience, and research alongside a number of excellent speakers who share our passion for MRI.

The IRC looks forward to your participation in this year’s MRI conference and making it possible by your attendance. I am certain you will enjoy the conference and hope you take advantage of the opportunity to establish new contacts while gaining relevant knowledge and experience in the field of MRI.

Best wishes,

Charles L. Dumoulin, PhD
Director, Imaging Research Center
Featured speaker

Bill Faulkner  R.T(R)(MR)(CT), FSMRT

Bill Faulkner is an independent consultant providing MRI and CT education as well as MRI operations consulting. He has been teaching MRI courses for over 18 years and has been holding registry review programs for more than 14 years (www.t2star.com). He is an active member and Fellow of the Section for Magnetic Resonance Technologists (SRMT) and served as its first President. Bill is engaging, insightful and humorous whatever the venue or topic.

7:00 – 8:45  Registration/Welcome/Coffee
8:50 – 9:00  Welcome and Introductions
9:00 – 9:55  MR physics review  
Bill Faulkner  R.T(R)(MR)(CT), FSMRT
9:55 – 10:45  Clinical Applications of Functional Imaging in Children  
Jim Leach M.D.
10:45–11:00  Break
11:00 – 11:55  Diffusion Tensor Imaging-Physics, Methods, and Applications  
Weihong Yuan Ph.D
11:55 – 12:00  Question and Answer
12:00 – 12:50  Pediatric Musculoskeletal MR Imaging  
Tal Laor M.D.
12:50 – 1:00  Introduction and Announcements
1:00 – 1:55  Lunch
1:55 – 2:50  MR Spectroscopy: Applying the Basics to Aid Diagnosis and Monitoring of Disease  
Kim Cecil Ph.D
2:50 – 3:45  Optimizing MR at 3.0T  
Bill Faulkner  B.S., R.T(R)(MR)(CT), FSMRT
3:45 – 4:00  Question and Answer
4:30 – 6:30  Reception/Poster Presentation

Please note: Faculty and program are subject to change without notice.

Call for Posters

Poster Presentation Guidelines:

• Poster presentation combines a visual display of poster on an easel stand and a question/answer opportunity on September 23, 2011.
• Seminar registration is required to participate in this event.
• Focus: Posters will be judged by faculty on originality, quality, clarity and practical applications to improve patient care or diagnosis using MR technology. Topics may include current technology or future developments.
Saturday September 24

Featured speaker

Frank Shellock  Ph.D

Frank G. Shellock, Ph.D. is a physiologist with more than 25 years of experience conducting laboratory and clinical investigations in the field of magnetic resonance imaging. He is an Adjunct Clinical Professor of Radiology and Medicine at the Keck School of Medicine, University of Southern California, the Director of MRI Studies at the Biomimetic Microelectronic Systems, National Science Foundation - Engineering Research Center, and the Founder of the Institute for Magnetic Resonance Safety, Education, and Research (www.IMRSER.org). As a commitment to the field of MRI safety, bioeffects, and patient management, he created and maintains the internationally popular web site, www.MRIsafety.com.

7:00 – 8:45  Registration/Welcome/Coffee
8:50 – 9:00  Welcome and Introductions
9:00 – 9:55  Magnetic Resonance Bioeffects, Safety, and Patient Management
Frank Shellock Ph.D
9:55 – 10:45  RF Coils; What’s inside the package?
Wolfgang Lowe/Randy Giaquinto
10:45 – 11:00  Break
11:00 – 11:55  Parallel MRI for clinical applications
Yu Li Ph.D
11:55 – 12:00  Question and Answer
12:00 – 12:50  Lunch
12:50 – 1:00  Introduction and Announcements
1:00 – 1:55  Horizons in MRI: Where are we going?
Charles Dumoulin Ph.D
1:55 – 2:50  MRI of Non Ischemic Cardiomyopathy
Janaka Wansapura Ph.D
2:50 – 3:45  Animal MRI: Why We Need It and the Technologist’s Role
Diana Lindquist Ph.D
3:45 – 4:00  Question and Answer
4:15 – 5:15  Imaging Research Center Tours by Appointment

To Schedule a Tour email: amanda.woods@cchmc.org

Please note: Faculty and program are subject to change without notice.

• Poster Contents: Show title of the poster, name and affiliation of author/s. Text should be brief and well organized, presenting only necessary data to support your conclusions. Contents should include key ingredients such as methods, images, graphs, charts, tables, teaching points, conclusions, and references to make your work interesting. Please see www.irc.cchmc.org for poster design and display tips.

All posters are welcome. Please contact Amanda Golsch at 513-803-2279 or amanda.woods@cchmc.org by September 1, 2011 with the title of your submission.
The Hilton Cincinnati Netherland Plaza is providing conference attendees with rooms at a discounted rate ($125.00 + 17% tax). To receive this rate, please call 1-800-445-8667 and mention the Cincinnati Children’s Hospital MRI Conference, or find links to this discounted room rate through our website, www.irc.cchmc.org.

The IRC has chosen the Hilton Netherland Plaza as the conference site for its convenience, amenities, unique and elegant décor, and affordability. Our goal is to make this a comfortable, enjoyable, and interactive forum geared toward the Technologist while providing useful, educational information worthy of up to 12 ASRT Continuing Education Credits.

Continental breakfast, lunch, break refreshment and reception hors d’oeuvres are included. A list of food offerings can be found on our website.

If you are staying at the Netherland Plaza or just coming for a day, it is not difficult to find your way around Cincinnati. The hotel has underground parking, and additional garage and surface parking can be found nearby.
You can also call in or mail your completed registration.

Phone: (513) 803-2279
Mail: Cincinnati Children’s Hospital Medical Center Imaging Research Center Attn: Amanda Golsch ML 5033 3333 Burnet Ave Cincinnati, OH 45229-3039

Check one of the following options

☐ Option A - $300 Two day (Friday and Saturday)
☐ Option B - $175 Friday Only
☐ Option C - $175 Saturday Only

Please complete entire form

Name
Profession
Email address

Home/Cell phone
Home address
City
State Zip
Employer/Dept. Phone
Employer Name
Employer Address
City
State Zip

All registrations must be prepaid. Indicate method of payment:

☐ Check enclosed payable to: Imaging Research Center
☐ Mastercard ☐ VISA ☐ American Express ☐ Discover

Card # __________________________________________

Card Exp. ____________ Validation Code# _______

Signature ____________________________________________

Save the date!

**IRC MRI Conference**

**MRI: Imaging for Today and Research for Tomorrow**

September 23-24, 2011

Hilton Cincinnati Netherland Plaza
Cincinnati, Ohio

**Earn up to 12 ASRT Credits**

**Registration deadline:** September 10

**Poster entry deadline:** September 1

Register today at **www.irc.cchmc.org**

Cincinnati Children’s Department of Radiology

Earn up to 12 ASRT Credits

Each presentation is approved for 1 category “A” credit by the ASRT.

☐ Students - $225

Two Day (Friday and Saturday)

Available to students with proof they are registered in an imaging program.

Cancellation policy:

A written notice of cancellation must be received 15 days prior to the start of this activity. A $25 cancellation fee will be assessed at the time; after that date, cancellation requests cannot be honored.
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