International Conference on
Medical Imaging
& Case Reports

October 29-31, 2018
DoubleTree by Hilton Baltimore
-BWI Airport, Baltimore, MD

Highlights
- Creative Speakers & Panel Discussions
- Interactive Poster Session
- Emerging Researcher Forum
- Networking & Collaboration
- Full-length Manuscript Submissions
- Opportunity to Organize Workshop/Symposium

Venue
DoubleTree by Hilton Baltimore
- BWI Airport
890 Elkridge Landing Rd
Linthicum Heights
M.D. 21090, USA
Ph: +1 410-859-8400
Scientific Topics

The conference covers different medical imaging modalities used for diagnosis, monitoring, and treatment. The subject areas may include, but are not limited to the following domains:

- Medical Imaging and Analysis
- 3D Imaging
- Nuclear Medicine
- Pre-clinical Imaging
- Machine Vision in Medicine
- Musculoskeletal Imaging
- X-ray and Abdominal Imaging
- Computer-aided Diagnosis
- Magnetic Resonance and Ultrasound
- Medical Image Visualization
- Cardiac Imaging
- Women’s and Pediatric Imaging
- Computed Tomography
- Vascular and Interventional Radiology
Our Keynote Speakers

Martha E. Shenton, Ph.D.
Psychiatry Neuroimaging Laboratory
Harvard Medical School
Boston, MA

P. Ellen Grant, M.D.
Fetal and Neonatal Neuroimaging Research
Boston Children’s Hospital
Boston, MA

Jeffrey H. Siewerdsen, Ph.D.
Department of Biomedical Engineering
Johns Hopkins University
Baltimore, MD

Rajendra Badgaiyan, M.D.
Department of Psychiatry
Icahn School of Medicine at Mount Sinai
New York, NY

René Vidal, Ph.D.
Department of Biomedical Engineering
Johns Hopkins University
Baltimore, MD

Terry S. Yoo, Ph.D.
Office of High Performance Computing and Communications, National Institutes of Health (NIH), Baltimore, MD

Day 1 — Monday
29 Oct, 2018
9:00 am -1:00 pm

DoubleTree by Hilton Baltimore
- BWI Airport
890 Elkridge Landing Rd
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Ph: +1-408-426-4832
E: medimagecasereports@uniscigroup.com
W: unitedscientificgroup.com/conferences/medical-imaging/
Our Keynote Speakers

Susan C. Harvey, M.D.
Director of Breast Imaging, The Russell H. Morgan Department of Radiology and Radiological Science, JHM Baltimore, MD

Jeff W.M. Bulte, Ph.D.
Director of Cellular Imaging, The Johns Hopkins Institute for Cell Engineering, Baltimore, MD

Polina Golland, Ph.D.
EECS Department, Massachusetts Institute of Technology Cambridge, MA

S. Kevin Zhou, Ph.D.
Principal Key Expert of Image Analysis Siemens Corporate Technology Princeton, NJ

Jinah Park, Ph.D.
School of Computing Korea Advanced Institute of Science and Technology, Republic of Korea

Day 1 — Monday
29 Oct, 2018
2:00 pm - 5:30 pm

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<td>Moo K. Chung, Ph.D.</td>
<td>Unified Heat Kernel Regression for Diffusion, Kernel Smoothing and Wavelets on Irregular Image Domains and Its Application to Lung Blood Vessel Trees</td>
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<td>Ali Kamen, Ph.D.</td>
<td>Shaping the Future through Innovations: From Medical Imaging to Precision Medicine</td>
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<td>Raj Shekhar, Ph.D.</td>
<td>Medical Image Fusion and Augmented Reality</td>
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<td>Boris Gramatikov, Ph.D.</td>
<td>Optimizing the Optoelectronics for Retinal Polarization-Sensitive Scanning when Used in Combination with Other Ophthalmic Diagnostic Technologies</td>
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<td>John Buscombe, Ph.D.</td>
<td>PET Probes in Atheroma</td>
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<td>Çisel Yazgan, M.D.</td>
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<td>Optical Imaging of Dose for Comprehensive Quality Assurance in Radiation Oncology</td>
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<td>Roberto Rosas Romero, Ph.D.</td>
<td>Morphologic Image Processing for Detection of Microaneurysms in Fundus Images as Pre-Diagnosis of Diabetic Retinopathy</td>
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Coffee Break

PET Probes in Atheroma

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Novel Method to Improve Radiologist Agreement in Interpretation of Serial Chest Radiographs in the ICU

Optical Imaging of Dose for Comprehensive Quality Assurance in Radiation Oncology

Morphologic Image Processing for Detection of Microaneurysms in Fundus Images as Pre-Diagnosis of Diabetic Retinopathy
Preliminary Program

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Department of Radiology, University of Pennsylvania, Philadelphia, PA

Yixuan Yuan, Ph.D.
Department of Radiation Oncology, Stanford University, CA

Xin Li, Ph.D.
X-ray Inspection Lead Engineer, GE Global Research, Niskayuna, NY

Elisabetta C. del Re, Ph.D.
Assistant Professor of Psychiatry, Department of Psychiatry, Harvard Medical School, Boston, MA

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Certified - Chiropractic Biophysics, Better Health by Design, Cumming, GA

Haney Heneidy, M.D.
Assistant Professor of Radiology, Department of Diagnostic Radiology, Alexandria University, Egypt

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Rammohan Vadapalli, M.D.
Consultant Radiologist, Vijaya Diagnostics, India

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Section of Pediatric Cardiac ICU, King Abdulaziz Cardiac Center, Ministry of National Guard–Health Affairs, Kingdom of Saudi Arabia

Fatima Mubarak, MBBS, MCPS, FCPS
Department of Radiology, Aga Khan University Hospital, Pakistan

Inter-Observer Variability in the Detection and Interpretation of Chest X-Ray Anomalies in Adults in an Endemic Tuberculosis Area

Machine learning for Bone and Soft Tissue Sarcomas

Deep Learning for Polyp Recognition with Wireless Capsule Endoscopy Images

Toward Patient-specific Optimization of Post-reconstruction filtered OS-EM for Simultaneous-acquisition Dual-radiouclide Myocardial Perfusion SPECT

Morphometric Analyses of SHARP Clinical High Risk Subjects for Psychosis

Correction of Grade 2 Spondylolisthesis Following a Non-Surgical Structural Spinal Rehabilitation Protocol Using Lumbar Traction: A Case Study and Selective Review of Literature

Cystic Pancreatic Lesions; CT Characterization and Pathological Evaluation

Coffee Break

Simple Diagrammatic Approach to Delineate Duodenum on a Radiotherapy Planning CT Scan

Clinical, Genetic, and Neuroimaging Characterization of Patients with Developmental and Iatrogenic Inter-Hemispheric Disconnection

Diffusion Tensor Imaging and Fibre Tracking Biomarkers of Intramedullary Tumours of Spinal Cord for Predictive Resectability Scoring-Observational Comparative Study of 48 Cases

Bedside Ultrasonography Screening for Congenital Renal Anomalies in Children with Congenital Heart Diseases Undergoing Cardiac Repair

Utility of Diffusion Weighted Imaging in Preoperative Diagnosis of Aggressive Looking Brain Lesions
DAY 3 — WEDNESDAY
OCTOBER 31, 2018

Rammohan Vadapalli, M.D.
Consultant Radiologist, Vijaya Diagnostics, India

Mohamad Hussam K. Hamadah, M.D.
Section of Pediatric Cardiac ICU, King Abdulaziz Cardiac Center, Ministry of National Guard—Health Affairs, Kingdom of Saudi Arabia

Jun Hua, Ph.D.
Kennedy Krieger Institute, Johns Hopkins University School of Medicine, Baltimore, MD

Kourosh Abdollahifard, M.D.
Board Certified Radiologist, Board Member of the Iranian Society of Radiology, Iran

Vipin Chaudhary, Ph.D.
State University of New York (SUNY) at Buffalo and National Science Foundation, NY, USA

Hala El-Hadary, Ph.D.
Consultant of Rheumatology & Immunology, Kasr El-Ainy, School of Medicine, Cairo University, Egypt

Ewelina Bratek, Ph.D.
Mossakowski Medical Research Centre, Polish Academy of Sciences, Department of Neurochemistry, Poland

Fabao Gao, Ph.D.
Molecular Imaging Center, Department of Radiology, West China Hospital of Sichuan University, China

MV Francis, MBBS, M.S.
Headache and Neuro Ophthalmology Services, Teresa Eye and Migraine Centre, Cherthala, India

V. Shebryakov, Ph.D.
Pirogov National Medical & Surgical Center, Moscow, Russia

Hongyan Zhang, Ph.D
The Technical Institute of Physics and Chemistry of the Chinese Academy of Sciences, China

Pamela Bertolazzi, Ph.D
Neuroimaging Laboratory, University of Sao Paulo, Brazil

Arterial Spin Labelling: Basics and Current Emerging Clinical Applications What Every Resident Must Know

Ultrasound for Diaphragmatic Dysfunction in Post-Operative Cardiac Children

The Role of Arteriolar Blood Vessels for Preclinical Stages of Neurodegenerative & Chronic Psychiatric Diseases

Threats to the Margin of Profit of Investment on Medical Imaging in The 3rd Millenium and Strategies for Avoiding and Offsetting Them

Computer Aided Diagnosis of Lumbar Pathology

IgG4-Related Disease Misdiagnosed as Cholangiocarcinoma

Neuroprotective Effects of Metabotropic Glutamate Receptors Group II (mGluR2/3) Agonists in an Animal Model of Birth Asphyxia

Non-contrast T₁ρ and Extracellular Volume Mapping for Characterizing Diffuse Myocardial Fibrosis in Spontaneous Type II Diabetes Rhesus Monkeys

Neuroimaging in Headache Disorders- Common Pitfalls and Strategies to Overcome

MR-Venography in the Diagnosis of Post-Thrombotic Iliac Vein Obstruction and Extravascular Compression

Application of the Laser Scanning Confocal Imaging-Surface Plasmon Resonance System for the Detection of Important Biological Sample

Association of Childhood Obesity with the Central Nervous System: Study of Diffusion Tensor Imaging (DTI)
Seyoun Park, Ph.D.  
Radiology and Radiological Science, Johns Hopkins University, MD  
Radiomics-based Classification of the Phenotype of Pancreas Neoplasms

Julide Sisman, M.D., MSCS  
UT Southwestern Medical Center, Department of Pediatrics, Division of Neonatal-Perinatal Medicine, TX  
Lenticulostriate Vasculopathy in Preterm Infants: A New Classification, Clinical Associations and Neurodevelopmental Outcome

Zareen Fatima, Ph.D.  
Head of Department of Radiological Sciences & Medical Imaging, Imperial College of Business Studies, Pakistan  
Ultrasonographic Comparison of Renal Appearances in β-thalassemic Children versus Normal Children

Ahmed Bilal Waqar, Ph.D.  
Dean Faculty of Health & Allied Sciences, Imperial College of Business Studies, Pakistan  
Abdominal Subcutaneous Adipose Tissue (SAT) vs. Visceral Adipose Tissue (VAT) Analysis in BMI Normal Subjects and their Correlation with Age and Level of Physical Activity

Sandhya Dhankhar, MBBS, DMRD  
Director & Consultant Radiologist, Faith Diagnostic Centre, Chandigarh, India  
Granulomatous Mastitis a Mimicker on Elastography

S. Sathasivasubramanian, BDS, MDS  
Department of Oral Medicine and Radiology, Sri Ramachandra Medical College and Research Institute, Chennai, India  
Masseter Muscle Thickness in Unilateral Partial Eduntulism; An Ultrasonographic Study

Muhammad Bilal Fayyaz, MBBS, FCPS  
Senior Instructor Radiology, Shaukat Khanum Memorial Cancer Hospital & Research Centre, Peshawar, Pakistan  
Pictorial review of Extra-osseous Ewing’s Tumour, A Single Center Experience in Pakistan

Farah Naz Rehman, MBBS, FCPS  
Consultant Radiologist, Aga Khan University Hospital, Karachi, Sindh, Pakistan  
Peritoneal Tuberculosis Versus Carcinomatosis on Contrast Enhanced CT Abdomen Taking Omental Biopsy as a Gold Standard

Olga Dariy, M.D.  
A.N. Bakoulev Scientific Center for Cardiovascular Surgery, Russia  
Myocardial T1- Mapping in Daily Cardiac Magnetic Resonance Study in Hypertrophic Cardiomyopathy

Alycia Markowski, DPT, MPhtyS(manip), FAAOMPT, OCS  
Department of Physical Therapy, Movement and Rehabilitation Sciences, Northeastern University Boston, MA, USA  
The Benefit of Incorporating Ultrasound Imaging as Adjunct Teaching Tools to Enhance Physical Therapist Students’ Ability and Confidence to Perform Manual Therapy

Maureen K. Watkins, PT, DPT, OCS, MBA, LMT  
Department of Physical Therapy, Movement and Rehabilitation Sciences, Northeastern University Boston, MA, USA  
The Benefit of Incorporating Ultrasound Imaging as Adjunct Teaching Tools to Enhance Physical Therapist Students’ Ability and Confidence to Perform Manual Therapy
Preliminary Program

Xiaofei Zhao, M.D.
Department of Nuclear Medicine, Children’s Hospital of Fudan University, Shanghai, China

Variable MIBG Activity in the Same Renal Cyst

Syed Amin Shah
Department of Radiology, Aga Khan University Hospital Karachi, Pakistan

In Symptoms of Acute Stroke: Influence of Imaging Modality and Post Processing, Multi-section CT and MR Imaging

Musibau Adekunle Ibrahim, Ph.D.
Department of Information and Communication Technology, Osun State University, Osogbo, Nigeria

On Feature Selection Methods for Accurate Classification and Analysis of Emphysema CT Images

Felipe Roth Vargas, M.D.
BP Medical Center, São Paulo, Brazil

68 Ga - PSMA, Initial Experience and Future Applications

Kenan Abdurrahman Kara, M.D.
Department of Cardiovascular Surgery, Hisar Intercontinental Hospital, Ümraniye, Istanbul, Turkey

Successfully Endovascular repair of Giant Unruptured Abdominal Aortic Aneurysm

Vladimir Terekhov, Ph.D.
Republican Clinical Medical Centre, Head of Nuclear Medicine Department, Minsk, Belarus

Myocardial Scintigraphy in the Diagnosis of Ischemia in Patients with Metabolic Syndrome

A. Priya, M.D.
Regional Cancer Centre, Thiruvananthapuram, India

Retrospective Study of Diagnostic Performance of 18F FDG PET-CT in Cases Referred as Carcinoma of Unknown Primary

Muhammad Israr Ahmad, M.B.B.S.
Department of Radiology, SKMCH&RC, Lahore, Pakistan

Intermediate to Highly Suspicious Microcalcification on Mammograms: A Radio-Pathologic Correlation on Stereotactic Breast Biopsies

A.V. Butova
North-Western State Medical University named after I.I. Mechnicov, St. Petersburg, Russia

MRI in Complex Masticatory Muscles Examination and Monitoring the Results of TMJ Disorders Treatment

Hugues Brat, M.D.
Institut de Radiologie de Sion, Groupe3r, Switzerland

Comparison of Clinical and Phantom Image Quality for Low Contrast Liver Lesion in A Prospective Multicenter CT Scanner Dose Optimization Program

Jerome Z. Liang, Ph.D.
Professor, Radiology, Electrical and Computer Engineering, Computer Science & Biomedical Engineering, State University of New York, Stony Brook, NY

Dose, Noise and Texture for Meaningful CT Image Reconstruction

Dhiego Gumieri
Universidade do Estado de Mato Grosso, Brazil

Forensic Radiology: Evaluation of Image Methods in Combating International Drug Trafficking Bolivia - Brazil
Preliminary Program

Tarba Naala
B.V. Petrovsky National Research Center of Surgery

Arti Taneja
Amity Institute of Public Health, Noida, India

Rajinder Bajwa, M.D.
Niagara Falls Memorial Medical Center, NY

Abhishek Mashirkar, MBBS, M.D.
Super Speciality Hospital and Government Medical College, Nagpur, India

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Radiologist, Kadlec Regional Medical Center Richland, WA

Tae Yong Moon, M.D.
Departments of Radiology, Pusan National University Yangsan Hospital, South Korea

A.E. Mikheev
S.M. Kirov Military Medical Academy, St. Petersburg, Russia

Leslie Wormely, RVT
Lead Vascular Sonographer at The Christ Hospital Health Network, OH

Ari G. Mandler
The George Washington School of Medicine and Health Sciences, Washington, D.C.

Tahaamin Shokuhfar, M.D.
Northwestern University, Feinberg School of Medicine, Department of Radiology, IL

Diego Barbosa
Diagnostic and Interventional Radiology, Federal University of Rio de Janeiro, Brazil

Juan de Dios Berná Mestre, M.D.
Faculty of Medicine, University of Murcia, Spain

MRI Criteria for Staging Hepatoblastoma According to the Pretext System

Automated Cell Nuclei Segmentation in Overlapping Cervical Images Using Deep Learning Model

Septic Emboli in Lungs from Tricuspid Valve Endocarditis

Radiological Evaluation of Aortopulmonary Window (APW): A Case Report

Generalized Giant Cell Arteritis Discovered on Positron Emission Tomography

Subscapularis Injuries Associated with Acromiohumeral Instability in Patients with Shoulder Impingement Syndrome

Optimisation of MSCT Scans Interpretation in the Diagnosis of Fenestral Otosclerosis

Cerebral Mycotic Aneurysm and Infective Endocarditis: A Case Study

Touch Surgery: A 21st Century Platform for Surgical Training

Transforaminal Intrathecal Access for Injection of Nusinersen in Patients with Spinal Muscular Atrophy

Typical and Atypical Presentations of Neurosyphilis – Findings on MRI

New Imaging Techniques for the Male Urethra
Virtual Presentations

**Elena Lomova**  
Novokuznetsk City Children’s Clinical Hospital  
No. 4, Novokuznetsk, Russia

Possibilities of Multislice Computed Tomography for the Detection of Malignant Tumors of the Retroperitoneal Space and Control of their Treatment in Children

**Yekaterina Lyugay**  
Hospital of Medical Center Office of the Department of the Presidential Affairs, Republic of Kazakhstan

Use of Radiopharmaceuticals Based on 99m Tc in Estimation of the Bone Metastatic Damage by Results of Scintigraphy and SPECT/CT Bones of the Skeleton. Analysis of Practical Work of the Nuclear Medicine Department

**Petr Kotlyarov, M.D.**  
Russian Scientific Center of X-Ray Radiology, Russia

Virtual Bronchoscopy Multislice Tomography in Traumatic Injuries of the Main Bronchi

**Chibisova Marina A, M.D.**  
Professor, Rector of the Saint Petersburg Dental Institute of Postgraduate Training (SPbINSTOM)  
Russia

Cone Beam Computer Tomography as Basis of Interdisciplinary Cooperation of Specialists in Head and Neck Pathologies Treatment

* Please note that this program is TENTATIVE and timings are subject to change without prior notice.
Important Dates

**Early Bird Registrations:** Before May 14, 2018

**Mid Term Registrations:** After May 14, 2018

**Registration Closes:** October 29, 2018

**Abstract Submission Deadline:** August 20, 2018

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**Goal of the MICR:** The conference aims to provide timely, evidence-based information that helps radiologists, sonographers, medical physicists, nurses, clinicians, biomedical engineers and allied experts advance quality and innovation in patient care.

**Renowned Speakers:** MICR conference includes the most influential medical imaging speakers in the world, keynotes, informative panels and some of the best networking you’ll find all year.

**Networking:** We are focused to introduce the latest achievements, technologies and breakthroughs in Medical Imaging. The conference provides you with endless opportunities to network with fellow attendees and get exposed to new ideas.

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**Conference App**

MICR-2018 Conference Mobile App puts all the information you need conveniently on your phone or tablet: View and manage your talk; Interact with attendees; Get latest updates; Access speaker abstracts and Get answers to frequently asked questions.

The Conference app will be available in October 2018. Be on the lookout for an email when the app launches!