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768th Conference

Scientific Program

International Conference on

Medical Imaging & Diagnosis

October 20-21, 2016 Chicago, USA



Hosting Organization: Conference Series LLC
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Day 1 October 20, 2016

09:00-09:45 **Registrations**

Vienna

conferenceseries.com **09:45-10:00** **Opening Ceremony**

Keynote Forum

10:00-10:45 **Title: Super-resolution MR tractography with 7T MRI and its applications - From the study of language circuitry to microstructural analysis of the affective neural network**
Zang-Hee Cho, Seoul National University, South Korea

Group Photo

Networking and Refreshments Break: 10:45-11:05 @ Foyer

11:05-11:50 **Title: Latest developments in radiology healthcare IT, digital imaging and telehealth**
Sanjay Gandhi, North Bristol NHS Trust, UK

Special Session

11:50-12:30 **Tittle: Identifying and testing new quantitative image, an analysis based clinical markers to predict breast cancer risk and prognosis**
Bin Zheng, University of Oklahoma, USA

Session:
Medical Image Processing | Radiography | Radiology & Nuclear Medicine

Session Chair: Sanjay Gandhi, North Bristol NHS Trust, UK

Session Co-Chair: Michael L Goris, Stanford University School of Medicine, USA

Session Introduction

12:30-12:55 **Title: Analytical fusion of different modality images based on prior knowledge**
Michael L Goris, Stanford University School of Medicine, USA

12:55-13:20 **Tittle: The role of nuclear medicine in early breast cancer diagnosis - "How do we do?"**
Bital Savir-Baruch, Loyola University Medical Center, USA

Lunch Break: 13:20-14:00 @ Athens

14:00-14:25 **Tittle: Does interpolation affect diagnosis? – Quantitative assessment of the effects of interpolation on uncompressed and compressed medical images**
Ilona Kowalik-Urbaniak, Client Outlook Inc., Canada

14:25-14:50 **Tittle: Role of radiology in changing the landscape of managing multiple myeloma**
Sanjay Gandhi, North Bristol NHS Trust, UK

14:50-15:15 **Tittle: Differentiation between osteoblastic, osteolytic and healthy bone tissue in CT images by texture analysis**
Monika Beresova, University of Debrecen, Hungary

Session:
Computer assisted-tomography | Elastography

Session Chair: Hang Joon Jo, Mayo Clinic, USA

Session Co-Chair: Elaine Iuanow, Cleveland Clinic Foundation, USA

Session Introduction

15:15-15:40 **Tittle: Mapping dopamine release in the MRI space during deep brain stimulation**
Hang Joon Jo, Mayo Clinic, USA

15:40-16:05 **Tittle: Accuracy of cyst vs. solid diagnosis in the breast using quantitative transmission (QT) ultrasound**
Elaine Iuanow, Cleveland Clinic Foundation, USA

16:05-16:20 **Tittle: Feature selection using linear classifiers for computer aided detection of pulmonary nodules in CT**
Barath Narayanan Narayanan, University of Dayton, USA

Networking and Refreshments Break: 16:20-16:40 @ Foyer

Special Session	
16:40-17:20	**Tittle: Ultra high field MRI and PET fusion imaging for neuroscience research – From Parkinsons Disease to cognitive sciences** **Zang-Hee Cho,** Seoul National University, South Korea
Panel Discussion	

Day 2: October 21, 2016

Vienna

Keynote Forum	
09:45-10:30	**Tittle: Multi-modality image-guided nano-theranostics** **Jamal Zweit,** Virginia Commonwealth University, USA
	Networking and Refreshments Break: 10:30-10:50 @ Foyer
Special Session	
10:50-11:30	**Tittle: Clinical validation of diagnostic imaging procedures** **Michael L Goris,** Stanford University School of Medicine, USA
Sessions: **Applications of Imaging | Advances in Cancer Imaging & Diagnosis**	
Session Chair: Bin Zheng, Universtiy of Oklahoma, USA	
Session Co-Chair: David A Gutman, Emory University School of Medicine, USA	
	Session Introduction
11:30-11:55	**Tittle: Applying computer-aided detection schemes to assist predicting response of ovarian cancer patients to chemotherapy in clinical trials** **Bin Zheng,** Universtiy of Oklahoma, USA
11:55-12:20	**Tittle: The Cancer Digital Slide Archive (CDSA): A web based resource linking pathology, radiology, and genomics** **David A Gutman,** Emory University School of Medicine, USA
12:20-12:45	**Tittle: Detection and clinical significance of sternal lesions on breast MRI** **Limin Yang,** University of Iowa, USA
12:45-13:10	**Tittle: Dynamic MR imaging (MR fluoroscopy): Clinical applications in pediatric radiology** **Tamara Feygin,** University of Pennsylvania, USA
	Lunch Break: 13:10-13:50 @ Athens
13:50-14:15	**Tittle: Intraductal breast masses: Sonographic and mammographic predictors of malignancy** **Hesham El Sheikh,** Benha University, Egypt
Special Session	
14:15-14:55	**Tittle: Molecular imaging in the era of precision medicine** **Jamal Zweit,** Virginia Commonwealth University, USA
Sessions: **Advances in Medical Imaging | Fusion of imaging modalities**	
Session Chair: Manohar Roda, University of Mississippi, USA	
Session Co-Chair: Daniel Pastore, Sao Paulo University School of Medicine, Brazil	
	Session Introduction
14:55-15:20	**Tittle: Role of MRI: Fetal body imaging** **Manohar Roda,** University of Mississippi, USA
15:20-15:45	**Tittle: Postoperative knee ligament reconstruction: What should be evaluated?** **Daniel Pastore,** Sao Paulo University School of Medicine, Brazil
15:45-16:10	**Tittle: Imaging of spleen made easy: A practical approach to focal and diffuse splenic disease** **Sanjay Gandhi,** North Bristol NHS Trust, UK
	Networking and Refreshments Break: 16:10-16:30 @ Foyer

16:30-16:45	**Tittle: Fetal risks from diagnostic imaging during pregnancy: A systematic review and proposal of a clinical protocol** **Mafalda Gomes,** University of Porto, Portugal
	Video Presentation's
16:45-17:10	**Tittle: Ebstein's anomaly: Anatomo-echocardiographic correlation** **Nilda Espinola-Zavaleta,** National Institute of Cardiology Ignacio Chavez, Mexico
17:10-17:35	**Tittle: Demyelinating diseases of the central nervous system (CNS)** **Svjetlana Jefic,** University Clinical Centre of Repablic of Srpska, Bosnia and Herzegovina
17:35-18:00	**Tittle: Spontaneous intradural cerebral artery dissection: Spectrum of clinical presentations and correlation with angiographic findings** **Aminur Rahman,** National Institute of Neurosciences and Hospital, Bangladesh
	Poster Presentation's (18:00-18:30)
MIP01	**Tittle: Mesenchymal stem cells labeled with ferumoxytol-poly-l-lysine and non-invasive MR imaging** **Bin Zhu,** Nanjing University School of Medicine, China
MIP02	**Tittle: *In-vivo* assessment of systolic and diastolic myocardial stiffness in a pig using 3D magnetic resonance elastography** **Shivaram Poigai Arunachalam,** Mayo Clinic, USA
	Panel Discussion
	Award Ceremony
	Thanks Giving & Closing Ceremony



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2nd International Conference on

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