<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:00-10:45</td>
<td><strong>Keynote Forum</strong></td>
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|              | **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  |
| 10:45-11:05  | 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  |
| 11:50-12:30  | **Special Session**                                                       |
|              | **Title:** Identifying and testing new quantitative image, an analysis based clinical markers to predict breast cancer risk and prognosis  
Bin Zheng, University of Oklahoma, USA  |
| 12:30-12:55  | **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  |
|              | **Title:** Analytical fusion of different modality images based on prior knowledge  
Michael L Goris, Stanford University School of Medicine, USA  |
|              | **Title:** The role of nuclear medicine in early breast cancer diagnosis - “How do we do?”  
Bital Savir-Baruch, Loyola University Medical Center, USA  |
| 13:20-14:00  | Lunch Break: 13:20-14:00 @ Athens                                        |
| 14:00-14:25  | **Session:** Computer assisted-tomography | Elastography  
**Session Chair:** Hang Joon Jo, Mayo Clinic, USA  
**Session Co-Chair:** Elaine Iuanow, Cleveland Clinic Foundation, USA  |
|              | **Title:** Does interpolation affect diagnosis? – Quantitative assessment of the effects of interpolation on uncompressed and compressed medical images  
Ilona Kowalik-Urbaniak, Client Outlook Inc., Canada  |
|              | **Title:** Role of radiology in changing the landscape of managing multiple myeloma  
Sanjay Gandhi, North Bristol NHS Trust, UK  |
|              | **Title:** Differentiation between osteoblastic, osteolytic and healthy bone tissue in CT images by texture analysis  
Monika Beresova, University of Debrecen, Hungary  |
| 15:00-15:40  | **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  |
|              | **Title:** Mapping dopamine release in the MRI space during deep brain stimulation  
Hang Joon Jo, Mayo Clinic, USA  |
|              | **Title:** Accuracy of cyst vs. solid diagnosis in the breast using quantitative transmission (QT) ultrasound  
Elaine Iuanow, Cleveland Clinic Foundation, USA  |
|              | **Title:** Feature selection using linear classifiers for computer aided detection of pulmonary nodules in CT  
Barath Narayanan Narayanan, University of Dayton, USA  |
| 16:20-16:40  | Networking and Refreshments Break: 16:20-16:40 @ Foyer                  |
### Day 2: October 21, 2016

#### Vienna

**Keynote Forum**

**Title:** Multi-modality image-guided nano-theranostics  
**Jamal Zweit,** Virginia Commonwealth University, USA

Networking and Refreshments Break: 10:30-10:50 @ Foyer

**Special Session**

**Title:** 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, University of Oklahoma, USA  
- **Session Co-Chair:** David A Gutman, Emory University School of Medicine, USA

**Session Introduction**

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<tr>
<td>11:30-11:55</td>
<td>Applying computer-aided detection schemes to assist predicting response of ovarian cancer patients to chemotherapy in clinical trials</td>
<td>Bin Zheng</td>
<td>University of Oklahoma, USA</td>
</tr>
<tr>
<td>11:55-12:20</td>
<td>The Cancer Digital Slide Archive (CDSA): A web based resource linking pathology, radiology, and genomics</td>
<td>David A Gutman</td>
<td>Emory University School of Medicine, USA</td>
</tr>
<tr>
<td>12:20-12:45</td>
<td>Detection and clinical significance of sternal lesions on breast MRI</td>
<td>Limin Yang</td>
<td>University of Iowa, USA</td>
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<tr>
<td>12:45-13:10</td>
<td>Dynamic MR imaging (MR fluoroscopy): Clinical applications in pediatric radiology</td>
<td>Tamara Feygin</td>
<td>University of Pennsylvania, USA</td>
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Lunch Break: 13:10-13:50 @ Athens

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<td>13:50-14:15</td>
<td>Intraductal breast masses: Sonographic and mammographic predictors of malignancy</td>
<td>Hesham El Sheikh</td>
<td>Benha University, Egypt</td>
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**Special Session**

**Title:** 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**

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<tr>
<td>14:55-15:20</td>
<td>Role of MRI: Fetal body imaging</td>
<td>Manohar Roda</td>
<td>University of Mississippi, USA</td>
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<tr>
<td>15:20-15:45</td>
<td>Postoperative knee ligament reconstruction: What should be evaluated?</td>
<td>Daniel Pastore</td>
<td>Sao Paulo University School of Medicine, Brazil</td>
</tr>
<tr>
<td>15:45-16:10</td>
<td>Imaging of spleen made easy: A practical approach to focal and diffuse splenic disease</td>
<td>Sanjay Gandhi</td>
<td>North Bristol NHS Trust, UK</td>
</tr>
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16:30-16:45
**Title:** Fetal risks from diagnostic imaging during pregnancy: A systematic review and proposal of a clinical protocol
*Mafalda Gomes,* University of Porto, Portugal

16:45-17:10
**Title:** Ebstein’s anomaly: Anatomoe-echocardiographic correlation
*Nilda Espinola-Zavaleta,* National Institute of Cardiology Ignacio Chavez, Mexico

17:10-17:35
**Title:** Demyelinating diseases of the central nervous system (CNS)
*Svetlana Jefic,* University Clinical Centre of Republic of Srpska, Bosnia and Herzegovina

17:35-18:00
**Title:** 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**
**Title:** Mesenchymal stem cells labeled with ferumoxytol-poly-l-lysine and non-invasive MR imaging
*Bin Zhu,* Nanjing University School of Medicine, China

**MIP02**
**Title:** *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

**2nd International Conference on Medical Imaging & Diagnosis**
August 29-30, 2017   London, UK