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# **MEDICAL IMAGING AND CLINICAL RESEARCH**

September 11-12, 2017 Paris, France



**Conference Series - America**

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Hall

conference**series**.com 09:30-09:45

# Opening Ceremony

## Keynote Forum

**09:45-10:35** Introduction  
**Title: The role of computer-assisted detection (CAD), artificial intelligence and machine learning in the medical imaging data overload problem: Current practice, limitations and new developments**  
**Sanjay Gandhi**, Southmead Hospital, UK

## Networking and Refreshments Break 10:35-10:55 @ Foyer

**10:55-11:45** **Title: Trans abdominal sonography of the stomach & duodenum**  
**Vikas Leelavati Balasaheb Jadhav**, Dr.D.Y.Patil University, India

## Group Photo

### Sessions 1: Radiography | Image Processing | Imaging Technology

Session Chair: **Abdulrahman A. S. Alsayyari**, Qassim University, Saudi Arabia

## Session Introduction

**11:45-12:10** **Title: Study of common requested radiographs and relative exposure dose in Qassim province**  
**Abdulrahman A. S. Alsayyari**, Qassim University, Saudi Arabia

**12:10-12:35** **Title: Ultrasound guidance for interventional pain management of lumbar facet joint pain: An anatomical and clinical study**  
**Masoud Hashemi**, Shahid Beheshti University of Medical Sciences, Iran

**12:35-13:00** **Title: The efficiency of good communication between radiographer and autism pediatric patient in reduction of radiation dose to patient**  
**Hissa Mohammed**, National center for Cancer Care and Research, Qatar

## Lunch Break 13:00-13:50 @ Sunset 2

**13:50-14:15** **Title: MR myelography for postoperative orthostatic headache**  
**Chih-Jen Hung**, Taichung Veterans General Hospital, Taiwan

### Sessions 2: Medical Imaging | Radiology Trends and Technology | X-Ray and PET

Session Chair: **M. A. Alnafea**, King Saud University, Saudi Arabia

## Session Introduction

**14:15-14:40** **Title: Non-monte carlo methods for investigating the application of coded aperture breast tumour imaging**  
**M. A. Alnafea**, King Saud University, Saudi Arabia

**14:40-15:05** **Title: Dynamics of folliculogenesis – sonographic assessment and applications in infertility management**  
**Monica Kansal**, Jaypee Hospital, India

**15:05-15:30** **Title: Radiographer prospects in Hungary**  
**David Sipos**, University of Pecs Faculty of Health Sciences, Hungary

## Networking and Refreshments Break 15:30-15:50 @ Foyer

- 15:55-16:20** Title: **TransAbdominal sonography of the small & large intestines**  
**Vikas Leelavati Balasaheb Jadhav**, Dr.D.Y.Patil University, India
- 16:20-16:45** Title: **The use of abdominal X-rays film in the emergency department of Ysbyty Gwynedd NHS Hospital**  
**Amjed Eljaili**, Ysbyty Gwynedd, UK
- 16:45-17:10** Title: **Evaluation of diagnostic efficacy of vessel specific coronary calcium score in detection of coronary artery stenosis with usage of invasive angiography as gold standard**  
**Shahriari Mozghan**, Tehran University, Iran

**Panel Discussion**

**Day 2 September 12, 2017**

**Hall**

**Keynote Forum**

- 10:00-10:50** Title: **Multimodality Imaging for clinical research: The role of biophotonics**  
**Daniel L. Farkas**, University of Southern California, USA

**Networking and Refreshments Break 10:50-11:10 @ Foyer**

**Sessions 3: Magnetic Resonance Imaging | Ultrasound | Clinical Research**

**Session Chair: Daniel L. Farkas, University of Southern California, USA**

**Session Introduction**

- 11:10-11:35** Title: **The efficiency of applying the radiology technologist of the Radiation dose monitoring technique during the fluoroscopy procedures for oncology pediatric aged between 4 – 7 years old**  
**Hissa Mohammed**, National Center for Cancer Care and Research, Qatar
- 11:35-12:00** Title: **High resolution, non-invasive multimode optical imaging: A proposed diagnostic and assessment tool in Alzheimer's Disease**  
**Daniel L. Farkas**, University of Southern California, USA
- 12:00-12:25** Title: **Diaphragmatic shortening fraction and pulmonary ultrasound combined analysis for extubation success prediction in critical care patients**  
**Claudia Paola Rivera-Uribe**, Nuevo León Autonomous University, Mexico
- 12:25-12:50** Title: **Magnetic resonance imaging and post-processing analysis of flexor muscle in late-onset Pompe disease**  
**Ala khasawneh**, University of Pécs, Hungary
- 12:50-13:15** Title: **Deep learning in medical image analysis**  
**Syed Muhammad Anwar**, University of Engineering and Technology, Pakistan

**Lunch Break 13:15-14:00 @ Sunset 2**

**Video Presentation**

- 14:00-14:25** Title: **Role of conventional and diffusion weighted MRI with ADC values in staging of carcinoma of prostate and response to treatment wherever possible with clinical and biochemical correlation**  
**Kunwarpal singh**, Sri Guru Ram Das Institute of Medical Sciences and Research, India
- 14:25-14:50** Title: **Role of CT in screening coronary artery disease**  
**Shajeem Shahudeen**, Vivid Diagnostic Centre, India

**Poster Presentations: 14:50-16:00 @ Foyer**

- P01** Title: **Reconstruction quality in 4D cone-beam computed tomography (CBCT) incorporated with deformable image registration (DIR) method**  
**Dongyeon Lee**, Yonsei University, South Korea

- P02 Title: Diaphragmatic shortening fraction and pulmonary ultrasound combined analysis for extubation success prediction in critical care patients**  
**Claudia Paola Rivera-Uribe**, Nuevo León Autonomous University, Mexico
- P03 Title: Chest X-ray confirmation of safe nasogastric tube placement in the intensive care unit, Ysbyty Gwynedd NHS Hospital**  
**Amjed Eljaili**, Ysbyty Gwynedd, UK
- P04 Title: Non-monte carlo methods for investigating the application of coded aperture breast tumour imaging**  
**M. A. Alnafea**, King Saud University, Saudi Arabia
- P05 Title: The migration and attrition behaviour among Hungarian radiographers**  
**David Sipos**, University of Pecs Faculty of Health Sciences, Hungary
- P06 Title: Is single OM15 sufficient for screening of mid-facial fracture in the emergency setting of Ysbyty Gwynedd**  
**Amjed Eljaili**, Ysbyty Gwynedd, UK
- P07 Title: Magnetic resonance imaging and post-processing analysis of flexor muscle in late-onset Pompe disease**  
**Ala khasawneh**, University of Pécs, Hungary
- P08 Title: A N.I.C.E Brexit**  
**Mustafa Sabil**, United Kingdom

**Networking and Refreshments Break 16:00-16:20 @ Foyer**

**Panel Discussion**

**Awards & Closing Ceremony**