

JOINT EVENT

4th International Conference and Exhibition on

MEDICAL PHYSICS AND BIOPHYSICS

&

2nd International Conference on

NUCLEAR MEDICINE & RADIATION THERAPY

July 27-28, 2017 Rome, Italy

Conference Series-America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
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Conference Series-UK

Kemp House, 152 City Road, London EC1V 2NX, Toll Free: +1-800-216-6499



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conference**series.com**

09:30-10:00

Opening Ceremony

Keynote Forum

Introduction

10:00 -10:50

Title: Physics education in medical imaging

Richard L Morin, Mayo Clinic Jacksonville, USA

Panel Discussion

Networking & Refreshment Break 10:50-11:10 @ Foyer

11:10-12:00

Title: Critical dynamics on a large human open connectome network

Géza Ódor, Hungarian Academy of Sciences, Hungary

12:00-12:50

Title: F18 PSMA scanning. A disruptive change in prostate cancer care and management. Experience from Australasia

Trevor Fitzjohn, Pacific Radiology Ltd, New Zealand

Panel Discussion

Photo Session 12:50-12:55

Lunch Break 12:55-13:55 @ Hotel Restaurants

Sessions: Tomography | Latest Imaging Techniques | Radiation Oncology | Biomedical Physics | Radiology | Biophysics | Sports Science | Diagnostic Imaging | Nuclear Medicine | Radiation Therapy

Session Chair: **H C EM Hartmut Zabel**, Ruhr University Bochum, Germany

Session Co-Chair: **Géza Ódor**, Hungarian Academy of Sciences, Hungary

Session Introduction 13:55-14:00

14:00-14:25

Title: Metabolic activity, hypoxia response elements and induced angiogenesis, biomarkers for over all survival in solid tumors

M A Nezami, Pacific Medical Center of Hope, USA

14:25-14:50

Title: Real-time molecular probe-directed intraprocedural biopsies

Carina Mari Aparici, University of California San Francisco, USA

14:50-15:15

Title: Development of a W pinhole collimator for removal of Tc/Pb down-scatter in the Tl/Tc dual-isotope spectrum

Gregory G Passmore, Augusta University, USA

15:15-15:40

Title: Determination of sport results based on special fitness of pole vaulters ages 12 and 17

Mariusz Klimczyk, Casimir the Great University, Poland

15:40-16:05

Title: The impact of cone beam computed tomography on endodontics

Samira Al-Salehi, Mohammed Bin Rashid University of Medicine and Health Sciences, UAE

Panel Discussion

Networking and Refreshments Break: 16:05-16:25 @ Foyer

16:25-16:50

Title : Intra fractional set-up measurements between EPID and CBCT

Asli Yazici, Onko Ankara Oncology Center, Turkey

16:50-17:15

Title: Exposure radiation and risk assessment of hysterosalpingography

Ilham Khalid Ibrahim, Salahaddin University-Erbil, Iraq

17:15-17:40

Title : A simulation study of parallax error in positron emission tomography by using LSO, LYSO, BGO and GSO scintillation crystals in hexagonal and ring detector geometry by GATE simulation software

Ahad Zeinli, Urmia Medical Science University, Iran

17:40-18:05

Title: EPR investigations of dosimetric properties of alanine irradiated by therapeutic electron beams

Abdoul Karim Mamadou Saidou, University Hassan 1 er, Morocco

Panel Discussion

Keynote Forum

Introduction

10:00-10:50 **Title: Laser plasma accelerated particle beams for radiation therapy and their radiobiological characterization**

Leonhard Karsch, University of Dresden and HZDR, Germany

Panel Discussion

Networking & Refreshment Break 10:50-11:10 @ Foyer

Sessions: Tomography | Clinical Physics and Patient Safety | Therapeutic Nuclear Medicine | Dosimetry | Clinical Nuclear Medicine | Therapeutic Nuclear Medicine | Radiography | Radiation Oncology

Session Introduction 11:10-11:15

11:15-11:40 **Title: A phantom study of eye shielding for different CT scanners and imaging protocols**

Yuan-Hao Lee, Taipei Medical University, Taiwan

11:40-12:05 **Title: Analytical boundary element method to monitor bladder volume using electrical impedance tomography**

Anil Kumar Khambampati, Jeju National University, South Korea

12:05-12:30 **Title: Clinical comparison of F18-FET vs. F18-FDG in patients with low and high grade glioblastoma**

Farzad Dehghani Sani, Razavi Hospital, Iran

12:30-12:55 **Title: Evaluation of the dose delivered to patients in CT using the platform (GEANT4 / GATE)**

Mkimel Mounir, Laboratory of Technology and Medical Science, Morocco

Panel Discussion

Lunch Break 12:55-13:55 @ Hotel Restaurants

13:55-14:20 **Title: Stability and efficacy of a therapeutic dose of Lu-dotatate prepared at a remote centralized radiopharmacy: The initial clinical results**

Maharaj Masha, Netcare Umhlanga Hospital, South Africa

14:20-14:45 **Title: A prospective study on chemotherapy induced anemia in cancer patients undergoing treatment using serial hemoglobin measurement at the National Hospital Abuja, Nigeria**

Simeon Chinedu Aruah, National Hospital Abuja, Nigeria

14:45-15:10 **Title: Distinguishing between bacterial and viral infections based on peripheral human blood tests using infrared microscopy and multivariate analysis**

Hamody Agbaria, Ben Gurion University of the Negev, Israel

15:10-15:35 **Title: Clinical comparison of internal absorbed doses by standard and optimization protocol administrated activity in bone nuclear medicine studies**

Ati Moncef, University Hospital, Algeria

15:35-16:00 **Title: The function principles of modern radiation therapy system, cyberknife & tomotherapy**

Poorya Heydari, Sahand University of Technology, Iran

Panel Discussion

Awards & Closing Ceremony

Bookmark your dates

5th International Conference and Exhibition on
Medical Physics and Biophysics

August 09-10, 2018 Madrid, Spain

E-mail: medicalphysics@conferenceseries.net

Website: medicalphysics.conferenceseries.com

3rd International Conference on
Nuclear Medicine & Radiation Therapy

March 26-27, 2018 Edinburgh, Scotland

E-mail: nuclearmedicine@oncologyseries.com

Website: nuclearmedicine.conferenceseries.com