EuroSciCon

# Nuclear Medicine & Radiation Therapy

April 22-23
Dubai, UAE

2020



**Nuclear Medicine & Radiation Therapy 2020**

https://nuclearmedicine.euroscicon.com/

# Day 1, Agenda

## General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

**Networking & Refreshments Break @ Foyer**

| | HALL 01 | HALL 02 | HALL 03 |
|---|---|---|---|
| 11:00 AM | Talks On: **Nuclear Medicine** | Talks On: **Radiography** | Talks On: **Radiopharmaceuticals** |
| | Talks On: **Radiotherapy** | Talks On: **Advanced Nuclear Medicine Equipment** | Talks On: **Oral Radiology** |
| | Panel Over: **Gamma rays** | Panel Over: **Telaradiology** | Panel Over: **NeuroImaging** |
| | **SESSION DISCUSSION** | **SESSION DISCUSSION** | **SESSION DISCUSSION** |
| | Workshop On: **Electroencephalography** | Workshop On: **Radioactive Tracers** | Workshop On: **Mathematical Methods for Nuclear Medicine & Radiation Therapy** |
| | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** |
| 04:00 PM | Talks On: **Radiation Dosimetry** | Talks On: **Nuclear Chemistry** | Talks On: **Morphology** |
| | Lectures on: **Interventional Radiology** | Lectures on: **Picture Achieving Communication System** | Lectures on: **Magnetoencephalography** |
| 06:00 PM | Session On: **Clinical Nuclear Medicine** | Session On: **Nuclear Medicine Working** | Session On: **Nuclear Medicine Patient Safety** |
| | **NETWORKING** | **NETWORKING** | **NETWORKING** |

# Day 2, Agenda

## General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

**Networking & Refreshments Break @ Foyer**

| | HALL 01 | HALL 02 | HALL 03 |
|---|---|---|---|
| 11:00 AM | Talks On: **Clinical Nuclear Medicine** | Talks On: **Gamma camera** | Talks On: **Restorative Diagnosis Therapy** |
| | Talks On: **Radioligand** | Talks On: **Chemo Therapy** | Talks On: **Intensity Modulation Radiation Therapy** |
| | **SESSION DISCUSSION** | **SESSION DISCUSSION** | **SESSION DISCUSSION** |
| 02:00 PM | Panel Over: **Patient care equipment.** | Panel Over: **Practical Attractive Reverberation Imaging** | Panel Over: **Scintigraphy** |
| | Workshop On: **Multislice CT** | Workshop On: **Ultrasound Filter** | Workshop On: **Ionizing Radiation** |
| | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** | ***Lunch Break @ Restaurant*** |
| 04:00 PM | Talks On: **Cardiology** | Talks On: **Radiation Detector** | Talks On: **Pulse amplifier** |
| | Lectures on: **Pulse Height Analyzer** | Lectures on: **Gallium filter** | Lectures on: **Sialography** |
| 06:00 PM | Session On: **Optical intelligibly tomography** | Session On: **Radiation Protectionj** | Session On: **Internal Dosimeter.** |
| | **NETWORKING** | **NETWORKING** | **NETWORKING** |

# Past Affiliates and Program of 2018



# Agenda Day 1: October 01, 2018

**Hall Name** **Italien - 2nd floor**

**08:00-09:00** **Registrations**

**09:00-09:30** Opening Ceremony

**Keynote Session**

09:30-10:15 **Title: PET imaging of proteinopathies in neurodegenerative disease**
**Andrew Stephens,** Life Molecular Imaging GmbH, Germany

10:15-11:00 **Title: Developments and trends in nuclear medicine**
**Pavlina Pike,** Huntsville Hospital, USA

**Group Photo: 11:00-11:10**

**Coffee Break: 11:10-11:30 @ Conference Cafe**

11:30-12:15 **Title: Bio Electron's laser acupuncture by KBTE medical laser device**
**Nick Kostovic,** Kostovic Acupuncture by bio Electron's Laser Corp., USA

**Special Session**

12:15-13:00 **Title: New aspects of medical physics in radiation oncology and imaging**
**Golam Abu Zakaria,** University of Cologne, Germany

**Lunch Break: 13:00-14:00 @ Outside the hotel-reception**

**Session Introduction**

**Nuclear Medicine| Radiology | Radiation Therapy | Functinal Imaging | Radiopharmaceuticals | Radiation Dosimetry | Oral Radiology | Radiography | Roles & Importance of Nuclear Medicine | Limitation of Nuclear Medicine**

**Session Chair: C. J. Palestro,** Donald & Barbara Zucker School of Medicine, USA

**Session CO-Chair: Golam Abu Zakaria,** University of Cologne, Germany

14:00-14:30 **Title: The role of nuclear medicine in prostate cancer imaging, treatment and surgery**
**Marcel P.M. Stokkel,** Netherlands Cancer Institute, The Netherlands

14:30-15:00 **Title: Radiolabeled drugs and PET imaging for personalized medicine**
**N.H. Hendrikse,** VU University Medical Center, The Netherlands

15:00-15:30 **Title: Production of radiopharmaceuticals suitable aiding radiotherapy planning**
**Pal Mikecz,** Kaposi Mor Teaching Hospital, Medicopus Non-profit Ltd. Kaposvar, Hungary

15:30-16:00 **Title: Analysing the impact of size of brain metastases in the overall survival of patients with primary head and neck cancer, melanoma and sarcoma**
**Antonio Manuel da Silva Ribeiro Mota,** Instituto Portugues de Oncologia de Lisboa Francisco Gentil (IPOLFG), Portugal

**Coffee Break: 16:00-16:20 @ Conference Cafe**

16:20-16:50 **Title: EPR protocol for dose delivery in radiotherapy/radiosurgery**
**Catalin Stelian Tuta,** Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering (IFIN-HH), Romania

16:50-17:20 **Title: PET radiopharmaceuticals production facilities, planning and operation challenges**
**Tamer B Bayomy,** International Medical Centre, Egypt

17:20-18:00 **Discussion Time**
**Chairman's Summing Up**

**Panel Discussion**

# Agenda Day 2: October 02, 2018

**Hall Name** **Italien - 2nd floor**

**Keynote Session**

09:30-10:15 **Title: Labelled leukocyte/bone marrow imaging for diagnosing infection of recently implanted lower extremity arthroplasties**
**C. J. Palestro,** Donald & Barbara Zucker School of Medicine, USA

10:15-11:00 **Title: Magneto-plasmonic nano-heterostructures as X-ray dosage booster in radiation therapy**
**Carola Kryschi,** Friedrich-Alexander University of Erlangen, Germany

**Coffee Break: 11:00-11:20 @ Conference Cafe**

11:20-12:05 **Title: Targeting strategies of radiopharmaceuticals by using drug delivery systems for cancer imaging**
**Derya Ilem Ozdemir,** Ege University, Turkey

**Session Introduction**

**Nuclear Medicine| Oral Radiology | Radiography | Roles & Importance of Nuclear Medicine | Limitation of Nuclear Medicine| Quantitative SPECT Imaging | Nuclear Medicine Working**

**Session Chair: C. J. Palestro,** Donald & Barbara Zucker School of Medicine, USA

**Session CO-Chair: Golam Abu Zakaria,** University of Cologne, Germany

12.05-12:35 **Title: Combining IMRT and DIBH for the treatment of mediastinal lymphomas: What's the benefit?**
**Antonio Manuel da Silva Ribeiro Mota,** Instituto Portugues de Oncologia de Lisboa Francisco Gentil (IPOLFG), Portugal

12:35-13:05 **Title: Nuclear medicine imaging: Effective cost saving of radio tracers**
**Evbuomwan Osayande,** University of the Witwatersrand, South Africa

**Lunch Break: 13:05-14:05 @ Outside the hotel-reception**

14:05-14:35 **Title: PET-CT application for adjustment of thyroid cancer treatment algorithm**
**Olena Oliinichenko,** Kyiv Municipal Clinical Oncology Center, Ukraine

14:35-15:05 **Title: Dosimetry of small photon radiation fields: comparison of the German DIN-6809 (2016) and the IAEA TRS- 483 (2017) protocols**
**Golam Abu Zakaria,** University of Cologne, Germany

15:05-15:35 **Title: Quality of life and suicidal ideation among patients with well differentiated thyroid carcinoma undergoing radioactive I-131 therapy at Perpetual Succour Hospital, Cebu City for the year 2018**
**Junjie N. Caber,** Perpetual Succour Hospital, Philippines **& Charles Tan,** Perpetual Succour Hospital, Philippines

15:35-16:05 **Title: Current trends in PET radiopharmacy, diagnostic and therapeutic applications**
**Tamer B Bayomy,** International Medical Centre, Egypt

**Coffee Break: 16:05-16:25 @ Conference Cafe**

**Video Presentation: 16:25-17:40**

16:25-16:50 **Title: Radioprotective properties of the anti-cancer preparation NSC-631570 (UKRAIN)**
**Wassil Nowicky,** Nowicky Pharma / Ukrainian Anti-Cancer Institute, Austria

16:50-17:15 **Title: Breast carcinoma: Impact of respiratory gating in cardiac dose reduction**
**Raul da Silva Colaco,** Instituto Portugues de Oncologia de Lisboa Francisco Gentil (IPOLFG), Portugal

17:15-17:40 **Title: Radiopharmaceutical radiation exposure reduction in nuclear medicine clinical trials**
**Joel Lazewatsky,** Lantheus Medical Imaging Inc. USA

17:40-18:00 **Networking Session and Chairman's Summing Up**

# Past Affiliates

**Newton Lee**
ACM Computers in Entertainment, USA

**Yoshihiro Okada**
Kyushu University, Japan

**Chieh-Ju Huang**
Chienkuo Technology University, Taiwan

**Darius Burschka**
Technische Universität München, Germany

**Edmond Prakash**
University of Bedfordshire, UK

**Masuod Akbarzadeh**
University of Pennsylvania, USA

**Minhua Eunice Ma**
University of Huddersfield, UK

**Marco Roccetti**
University of Bologna, Italy

**Leonel Antonio Toledo Díaz**
Barcelona Supercomputer Center, Spain

**Nickolas S. Sapidis**
University of Western Macedonia, Greece

**Zhigeng Pan**
Hangzhou Normal University, China

**Ramazan S. Aygun**
University of Alabama in Huntsville, USA

**Susan Johnston**
Select Services Films, Inc., USA

**Benjamin Kenwright**
Edinburgh Napier University, UK

**Paolo Minetola**
Polytechnic University of Turin, Italy

**Jean Sequeira**
University of Aix-Marseille, France

**Matthew Johnson**
University of South Alabama, USA

**Timoleon Kipouros**
University of Cambridge, UK

**Athomas Goldberg**
Lifelike & Believable Animation Design, Inc., Canada

**Kyoung Lee Swearingen**
University of Texas at Dallas, USA

**Adam Watkins**
University of the Incarnate Word, USA

**Yonghuai Liu**
Aberystwyth University, UK

**Sunil Thankamushy**
Mount San Antonio College, USA

**Ismail Khalid Kazmi**
Bournemouth University, UK

**Yoshihiro Okada**
Innovation Center for Educational Resources (ICER), Japan

**Will Kim**
Riverside City College, USA

**Tatjana Burzanović**
University of Donja Gorica, Montenegro

**Ines Aparecida Gasparotto Boaventura**
Sao Paulo State University, Brazil

**Yann Savoye**
University of Innsbruck, Austria

**Jin Wang**
Beijing University of Technology, China,

**Inma Carpe**
The Animation Workshop/VIA University College, Denmark

**Dr. Xianghua Xie**
Swansea University, UK

**Linh Dao**
University of Texas at Arlington, USA

**Dmitry Gaborak**
Insomniac Games, USA

**Henry Hexmoor**
Southern Illinois University, USA

**Leonardo Sacht**
Federal University of Santa Catarina, Brazil

**Jiri Navrátil**
CESNET, Czech Republic

**David Novick**
The University of Texas, USA

**Michael J Zyda**
USC GamePipe Laboratory, USA



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# Past Affiliates

**Qingde Li**
University of Hull, UK

**Christiaan Gribble**
SURVICE Engineering Company, USA

**V. Znak**
The Institute of Computational Mathematics and Mathematical Geophysics, Russia

**Leonel Antonio Toledo Díaz**
Instituto Tecnológico de Estudios Superiores de Monterrey, Mexico

**Barbara Mones**
University of Washington, USA

**Ramazan S. Aygun**
University of Alabama in Huntsville, USA

**Abdennour El Rhalibi**
Liverpool John Moores University, UK

**De-Xing Kong**
Zhejiang University, China

**Benjamin J Rosales**
Terra State Community College, USA

**Gareth Edwards**
Cubic Motion, USA

**Tarek Mokhtar**
Ain Shams University, Egypt

**Russell Pensyl**
Northeastern University, USA

**Luca Fascione**
Weta Digital, USA

**Mu-Song Chen**
Da-Yeh University, Taiwan

**Kari Pulli**
Light, USA

**Sebastian Sylwan**
Academy of Motion Picture Arts and Sciences Hollywood , USA

**Marco Corbetta**
Cloud Imperium Games and Foundry 42, Germany

**Noel Lopes**
Polytechnic of Guarda, Portugal

**Xin Tong**
Microsoft Research Asia , China

**Tom Sito**
University of Southern California, USA

**Carol Luckhardt Redfield**
St. Mary's University, USA

**Marco Corbetta**
Cloud Imperium Games and Foundry 42,Germany

**Ching Y. Suen**
Director of CENPARMI Concordia Chair on AI & Pattern Recognition, Canada

**Jingtian Li**
University of the Incarnate Word, USA

**Lauren Carr**
Montclair State University, USA

**Michael Zyda**
University of Southern California, USA

**Tom Bremer**
The DAVE School, USA

**David Xu**
Regent University , USA

**Lars Linsen**
Westfälische Wilhelms-Universität Münster, Germany

**Sean McComber**
University of Texas at Dallas, USA

**Leonel Toledo**
Monterrey Institute of Technology, Mexico

**Paul Fishwick**
University of Texas at Dallas, USA

**Howard Kaplan**
University of South Florida, USA

**Ramahan Faulk**
InReal, USA

**Anton Nijholt**
University of Twente, Netherlands

**Adam Watkins**
Augmented Ideas, LLC, San Antonio, USA



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# Past Affiliates

**Ching Y Suen**
Concordia University, Canada

**Piotr Didyk**
Saarland University, Germany

**Frédéric Cointault**
Agrosup Dijon, France

**Yongjoon Lee**
Bungie, USA

**Juan Carlos Torres**
University of Granada, Spain

**Anandh Ramesh**
CEO, Voxel Works Pvt. Ltd, India

**Ruck Thawonmas**
Ritsumeikan University, Japan

**Sheng-Ming Wang**
National Taipei University of Technology, Taiwan

**Scott Swearingen**
University of Texas at Dallas, USA

**Ian Parberry**
University of North Texas, USA

**William Hoff**
Colorado School of Mines, USA

**Rebecca Ruige Xu**
Syracuse University, USA

**Angela Diamos**
Woodbury University, USA

**Biju Dhanapalan**
Nanyang Technological University, Singapore

**Masasuke Yasumoto**
Kanagawa Institute of Technology, Japan

**Xiaopeng Zhang**
Chinese Academy of Sciences, China

**Petyo Budakov**
New Bulgarian University, Bulgaria

**Yvonne Cao**
Texas Christian University, USA

**Kunihito Hoki**
The University of Electro-Communications, Japan

**Anna Yankovskaya**
Tomsk State University of Architecture and Building, Russia

**Matt Dombrowski**
University of Central Florida, USA

**Nelson Lim**
Industrial Light & Magic, Singapore

**Matthew Tovar**
University of the Incarnate Word, USA

**McArthur Freeman**
University of South Florida, USA

**Minhua Eunice Ma**
University of Huddersfield, UK

**Alexandr Y. Petukhov**
Lobachevsky Nizhny Novgorod State University, Russia

**Jennifer Coleman Dowling**
Framingham State University, USA

# City Attractions








