

...2019-IFMP-Workshop: Hybrid / Multimodality Medical Imaging ...



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening session : Welcome by the Rector or his representative (Prof. Vlamos)

Sunday 15 September 2019 09:00 (45 minutes)

This is the Opening Official Ceremony by the Rector of the Ionian University.

Two parts:

* Welcome by the two Co-Chairmen of the Workshop on behalf of the Organizing Committee:

- Professor Panayiotis VLAMOS (Ionian University, Corfu, Greece)
- Doctor Yves LEMOIGNE (IFMP, Ambilly, France)

- Opening Official Ceremony by the Rector of the Ionian University.

Presenter: Prof. VLAMOS, Panayiotis (Ionian University)

Contribution ID: 2

Type: **not specified**

Introduction to the programme of the week

Sunday 15 September 2019 09:45 (45 minutes)

Presenter: YVES, Lemoigne (IFMP)

Contribution ID: 3

Type: **not specified**

Lecture 1 - From HEP to PET/CT (Abstract available: click on the extreme right)

Sunday 15 September 2019 11:00 (1 hour)

Presenter: Prof. TOWNSEND, David (Singapore National University)

Contribution ID: 4

Type: **not specified**

Lecture 2 - PET Basics

Sunday 15 September 2019 12:00 (1 hour)

Presenter: RAUSCH, Ivo (Vienna Medical University (MUW))

Contribution ID: 5

Type: **not specified**

STUDENTS' FORUM - This period allows young colleagues to explain in a short time (15 minutes) a scientific topic they are particularly interested by. Often it is the subject of their diploma they are working on.

Contribution ID: 6

Type: **not specified**

Lecture 3 : Specific Imagin Devices

Sunday 15 September 2019 15:59 (1 hour)

Presenter: LECOQ, Paul (Cern, geneva, Ch)

Contribution ID: 7

Type: **not specified**

Lecture 4 : Understanding Radiation Units.

Sunday 15 September 2019 17:00 (1 hour)

Presenter: LEMOIGNE, Yves (IFMP)

Contribution ID: 8

Type: **not specified**

Lecture 5 : PET/CT, PET/MR in Radiotherapy

Monday 16 September 2019 09:30 (1 hour)

Presenter: BEYER, Thomas (Vienna Medical University (MUW), Austria)

Contribution ID: 9

Type: **not specified**

Lecture 6: Quality Control for PET/CT and PET/MR

Monday 16 September 2019 08:30 (1 hour)

Presenter: RAUSCH, Ivo (Vienna Medical University (MUW), Austria)

Contribution ID: **10**

Type: **not specified**

Lecture 7: Specific Hybrid Devices. PET-Sonic, EnDoTofPET...

Monday 16 September 2019 12:00 (1 hour)

Presenter: LECOQ, Paul (CERN Geneva, Ch)

Contribution ID: **11**

Type: **not specified**

PET-Based Therapy. Response Assessment

Monday 16 September 2019 11:00 (1 hour)

Presenter: BEYER, Thomas (Vienna Medical University (MUW), Austria)

Contribution ID: 12

Type: **not specified**

Lecture 9: Dose Issues in Nuclear Medicine and Hybrid Imaging

Monday 16 September 2019 15:30 (1 hour)

Presenter: RAUSCH, Ivo (Vienna Medical University (MUW), Austria)

Contribution ID: 13

Type: **not specified**

ROUND TABLE: Hybrid and Personalized Medicine

Monday 16 September 2019 16:30 (1 hour)

Presenters: TOWNSEND, David; PATRICK, Le DÜ; LECOQ, Paul; BEYER, Thomas; OTHERS, and

Contribution ID: 14

Type: **not specified**

Reaction-Diffusion Models in Computational Neurogeneration

Monday 16 September 2019 17:30 (1 hour)

Presenter: Prof. VLAMOS, Panayiotis

Contribution ID: 15

Type: **not specified**

Computational Methods in Alzheimer's Disease

Tuesday 17 September 2019 08:30 (1 hour)

Presenter: AVRAMOULI, Antagoni (Ionian University)

Contribution ID: **16**

Type: **not specified**

Ethics for Radiation Protection in Medicine

Tuesday 17 September 2019 09:30 (1 hour)

Presenter: Prof. MALONE, Jim (Tinity College, Dublin, Ireland)

Contribution ID: 17

Type: **not specified**

Radiation Protection in a Treatment Centre

Tuesday 17 September 2019 12:00 (1 hour)

Presenter: PETKOVSKA, Sonja (ACIBADEM Sistina, Skopje, Mk)

Contribution ID: **18**

Type: **not specified**

Scenario Analysis in Radiation Protection of Patients

Tuesday 17 September 2019 11:00 (1 hour)

Presenter: MALONE, Jim (Trinity college Dublin)

Contribution ID: **19**

Type: **not specified**

Light Microscopy, Scanning Microscopy in Diagnostic Procedure

Tuesday 17 September 2019 16:15 (50 minutes)

Presenter: GONIDI, Maria (Ionian University)

Contribution ID: 20

Type: **not specified**

Subpathway-based Computational Approaches to Network for Medicine

Tuesday 17 September 2019 17:10 (50 minutes)

Presenter: VRAHATIS, Aris (University of Patras, Greece)

Contribution ID: 21

Type: **not specified**

Shielding of Diagnostic Imaging Facilities

Presenter: Prof. MALONE, Jim (Trinity College, Dublin, Ireland)

Contribution ID: 22

Type: **not specified**

Optimisation of Radiation Protection in Medicine

Presenter: GERSHAN, Vesna (Skopje University, Skopje, Mk)

Contribution ID: 23

Type: **not specified**

Radiation Protection and Pregnancy in Medicine

Presenter: Prof. MALONE, Jim (Trinity College, Dublin, Ireland)

Contribution ID: 24

Type: **not specified**

Trends and Research in Neurocognitive Enhancement

Wednesday 18 September 2019 12:00 (55 minutes)

Presenter: PLEROU, Antonia (Ionian University)

Contribution ID: 25

Type: **not specified**

FLUKA Simulation for Medical Physics

Presenter: TOPI, Albana (INFN Pisa, It)

Contribution ID: 26

Type: **not specified**

Principles of HadronTherapy

Presenter: ALTIERI, Palma Rita (INFN Bari, It)

Contribution ID: 27

Type: **not specified**

VELOCITY TM: How to Transform Imaging Data to Knowledge

Wednesday 18 September 2019 17:35 (50 minutes)

Presenter: CALDERA, Claudio (VARIAN Medical Systems)

Contribution ID: 28

Type: **not specified**

Particle Therapy Critical Issues and Challenges

Thursday 19 September 2019 08:30 (1 hour)

Presenter: LE DŮ, Patrick (IEEE NPSS)

Contribution ID: 29

Type: **not specified**

Innovation in TOF and Improved Sensitivity

Thursday 19 September 2019 09:30 (1 hour)

Presenter: LECOQ, Paul René (CERN Geneva Ch)

Contribution ID: **30**

Type: **not specified**

Innovation in BioEngineering

Thursday 19 September 2019 11:00 (40 minutes)

Presenter: LE DŮ, Patrick (IEEE NPSS)

Contribution ID: **31**

Type: **not specified**

Radiation Phobia: Fake News and Alternative Facts

Thursday 19 September 2019 11:40 (50 minutes)

Presenter: DAVID, Townsend (National Singapore University, Singapore,Sg)

Contribution ID: 32

Type: **not specified**

Concluding Session & FAREWELL

Thursday 19 September 2019 12:30 (30 minutes)

Contribution ID: 33

Type: **not specified**

In parallel of the Coffee Break: OPTIONAL QUIZ

Thursday 19 September 2019 10:40 (20 minutes)

Presenter: Dr LEMOIGNE, Yves

Contribution ID: 34

Type: **not specified**

General Culture Session : Departure by Special Bus to visit Achilleion Palace

Presenters: Ms BOBORI, Katerina (Ionian University); Mr LEMOIGNE, Yves (IFMP)

Contribution ID: 35

Type: **not specified**

Lecture 4 : Understanding Radiation Units.

Presenter: LEMOIGNE, Yves (IFMP)

Contribution ID: 36

Type: **not specified**

Shielding of Diagnostic Imaging Facilities Jim Malone

Contribution ID: 37

Type: **not specified**

Shielding of Diagnostic Imaging Facilities

Tuesday 17 September 2019 14:20 (50 minutes)

Presenter: Prof. MALONE, Jim

Contribution ID: **38**

Type: **not specified**

Optimisation of Radio Protection in Medicine

Tuesday 17 September 2019 15:10 (50 minutes)

Presenter: Dr GERSHAN, Vesna

Contribution ID: 39

Type: **not specified**

Radiation Protection and Pregnancy in Medicine

Wednesday 18 September 2019 08:31 (55 minutes)

Presenter: Prof. MALONE, Jim

Contribution ID: 40

Type: **not specified**

Principles of HadronTherapy

Wednesday 18 September 2019 09:30 (55 minutes)

Presenter: ALTIERI, Palma

Contribution ID: 41

Type: **not specified**

FLUKA Simulation for Medical Physics

Wednesday 18 September 2019 11:05 (55 minutes)

Presenter: ALBANA, Topi ((It))

Contribution ID: 42

Type: **not specified**

**General Culture Session : Departure by Special Bus
to visit Achilleion Palace and Famous Kanoni
Location (see our Poster)**

Wednesday 18 September 2019 14:24 (2h 40m)

Presenter: BOBORI, Katrin ((Gr))

Contribution ID: 43

Type: **not specified**

Public Lecture about Schroedinger in Dublin

Monday 16 September 2019 18:45 (1h 15m)

Presenter: Prof. MALONE, Jim (Trinity College Dublin)

Contribution ID: 44

Type: **not specified**

Students' Forum selected presentation

Sunday 15 September 2019 15:15 (40 minutes)

Presenter: KRIELSKI, Aleksandar (Skopje University, Macedonia)

Contribution ID: 45

Type: **not specified**

Students' Forum selected presentation

Monday 16 September 2019 14:50 (35 minutes)

Presenter: BUFASI, Ergi (UP Tirana)

Contribution ID: 46

Type: **not specified**

Students' Forum selected presentation

Wednesday 18 September 2019 17:10 (25 minutes)

Presenter: TODOROVA, Nadya (Sofia University)