

# **...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 Alzheimee'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 DÙ, 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 DÙ, 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)