

Medical Physics & Biomedical Engineering Workshop devoted to Medical Imaging for diagnosis with emphasis on Modern Ultrasound techniques and medical applications as well as Radiotherapy with emphasis on Brachytherapy



Report of Contributions

Contribution ID: 33

Type: **not specified**

Test

Contribution ID: **34**

Type: **not specified**

REGISTRATION

Participants sign the presence list, receive their badge and documents

Presenters: TOPI, Albana (Siena University, Siena, Italy); HALILI, Daniela (Aleksander Xhuvani University); BUZI, Inva (Aleksander Xhuvani University)

Session Classification: Opening session

Contribution ID: 35

Type: **Powerpoint presentation or pdf**

Opening Session

Welcome in Aleksander Xhuvani University by the Rector Prof. Dr. Skender TOPI and Prof. Sotir MALI, Dean of Natural Sciences faculty, Luan KOLA (A. Xhuvani University), and Yves LEMOIGNE (IFMP & CERN), both co-chairs of the Workshop.

Co-author: Prof. TOPI, Rector Skender (Aleksander Xhuvani University)

Presenters: Prof. TOPI, Rector Skender (Aleksander Xhuvani University); Prof. MALI, Sotir (Aleksander Xhuvani University); Prof. LEMOIGNE, Yves (IFMP & CERN); Dr KOLA, wluan (Aleksander Xhuvani University)

Session Classification: Opening session

Contribution ID: 36

Type: **Powerpoint presentation or pdf**

Medical Physics in Albania

Presenter: Prof. MALKAJ, Partizan (Polytechnic University Tirana)

Session Classification: Opening session

Contribution ID: **39**

Type: **not specified**

Secretariat Registr

The participants sign presence list and receive their badge as well a documents of the workshop.

Presenters: TOPI, Albana (Siena University, Siena, Italy); BUZI, Inva (Aleksander Xhuvani University)

Session Classification: Opening session

Contribution ID: 40

Type: **Powerpoint presentation or pdf**

Medical Imaging Review 1

A review of principles and main devices used in Hospital and Biomedical research

Presenter: Dr LEMOIGNE, Yves (TERA Foundation (IT))

Session Classification: Opening session

Contribution ID: **41**

Type: **not specified**

Ultrasound Basis

The physical basis of Ultrasound are recalled...

Presenter: Dr CACHARD, Christian (CREATIS Uni Lyon , France)

Session Classification: Opening session

Contribution ID: 42

Type: **not specified**

Medical Imaging Review 2

In this second talk a review is done about hybrid systems in use at hospital like PET-CT, Spect-CT, MR-PET but also new systems in development like PEM-US (Pet mammography plus Ultrasound)

Presenter: Dr LEMOIGNE, Yves (TERA Foundation (IT))

Session Classification: Opening session

Contribution ID: 43

Type: **not specified**

Ultrasound Imaging

After the basis of Ultrasound this second lecture is devoted to the use of this technique for the best Ultrasound Imaging.

Presenter: Dr CACHARD, Christian (CREATIS Uni Lyon , France)

Session Classification: Opening session

Contribution ID: 44

Type: **not specified**

Training and Simulation in Radiotherapy

Presenter: Prof. HYKA, Niko (Polytechnic University of Tirana)

Session Classification: Opening session

Contribution ID: 45

Type: **Powerpoint presentation or pdf**

WELCOME By Rector Prof. Dr. Skender TOPI

Monday 4 July 2016 09:00 (30 minutes)

Welcome in Aleksander Xhuvani University by the Rector Prof. Dr. Skender TOPI and Prof. Sotir MALI, Dean of Natural Sciences faculty, Luan KOLA (A. Xhuvani University), and Yves LEMOIGNE (IFMP & CERN), both co-chairs of the Workshop.

Presenters: Prof. KOLA, Luan (Aleksander Xhuvani University); Prof. TOPI, Skender (Aleksander Xhuvani University); MALI, Sotir (Aleksander Xhuvani University); Prof. LEMOIGNE, Yves (IFMP & CERN)

Contribution ID: 46

Type: **not specified**

Medical Physics in Albania

Monday 4 July 2016 09:30 (1 hour)

Presenter: Prof. MALKAJ, Partizan (Polytechnic University of Tirana)

Contribution ID: 47

Type: **not specified**

Medical Imaging Review 1

Monday 4 July 2016 11:00 (1 hour)

Presenter: Prof. LEMOIGNE, Yves (TERA Foundation (IT))

Contribution ID: 48

Type: **not specified**

Ultrasound Basis

Monday 4 July 2016 12:00 (1 hour)

Presenter: Prof. CACHARD, Christian (CREATIS Uni Lyon , France)

Contribution ID: 49

Type: **not specified**

Medical Imaging Review 2

Monday 4 July 2016 14:30 (1 hour)

Presenter: Prof. LEMOIGNE, Yves (TERA Foundation (IT))

Contribution ID: 50

Type: **not specified**

Ultrasound Imaging

Monday 4 July 2016 15:30 (1 hour)

Presenter: Prof. CACHARD, Christian (CREATIS Uni Lyon , France)

Contribution ID: 51

Type: **not specified**

Training and Simulation in Radiotherapy

Monday 4 July 2016 17:00 (1 hour)

Presenter: Prof. HYKA, Niko (Polytechnic University of Tirana)

Contribution ID: 52

Type: **not specified**

3D Applications of US imaging

Tuesday 5 July 2016 08:30 (1 hour)

Presenter: Dr LIEBGOTT+C.CACHARD, Hervé (CREATIS, Lyon, France)

Contribution ID: 53

Type: **not specified**

US Beam Forming

Tuesday 5 July 2016 09:30 (1 hour)

Presenter: Dr MISCHI, Massimo (Eindhoven University)

Contribution ID: 54

Type: **not specified**

Doppler Ultrasound - 1

Tuesday 5 July 2016 11:00 (1 hour)

Presenter: Prof. TORTOLI, Piero (University of Firenze)

Contribution ID: 55

Type: **not specified**

Contrast Agents

Tuesday 5 July 2016 12:00 (1 hour)

Presenter: Dr MISCHI, Massimo (Eindhoven University)

Contribution ID: 56

Type: **not specified**

Students' forum

Tuesday 5 July 2016 14:30 (30 minutes)

Powerpoint Presentations given by students about their work or any topic they are interested by.

Presenter: TOPI, Albana (Siena University, Siena, Italy)

Contribution ID: 57

Type: **not specified**

Using Ultrasound in Cardiology at hospital

Tuesday 5 July 2016 15:00 (1 hour)

Presenter: Dr QORDJA, Marsjon (Mother Teresa Hospital)

Contribution ID: 58

Type: **not specified**

Doppler Ultrasound - 2

Tuesday 5 July 2016 16:30 (1 hour)

Presenter: Prof. TORTOLI, Piero (University of Firenze)

Contribution ID: 59

Type: **not specified**

Using Ultrasound in Urology

Tuesday 5 July 2016 17:30 (1 hour)

Presenter: Prof. KISHTA, Drilona (University of Tirana)

Contribution ID: **60**

Type: **not specified**

ULTRAFAST ULTRASOUND

Wednesday 6 July 2016 08:30 (1 hour)

Presenter: Dr LIEBGOTT-CACHARD, Hervé (CREATIS, Lyon France)

Contribution ID: **61**

Type: **not specified**

Assurance Quality & Simulation

Wednesday 6 July 2016 09:30 (1 hour)

Presenter: Dr LIEBGOTT-CACHARD, Hervé (CREATIS, Lyon France)

Contribution ID: **62**

Type: **not specified**

CULTURAL HALF-DAY. Departure to Korçë by Bus

Wednesday 6 July 2016 11:00 (1 hour)

Presenters: TOPI, Albana (Siena University, Siena, Italy); BUZI, Inva (Aleksander Xhuvani University); Prof. KOLA, Luan (Aleksander Xhuvani University)

Contribution ID: 63

Type: **not specified**

Visit of Lin Peninsula, Village, Ruins of Church and Mosaic

Wednesday 6 July 2016 12:00 (30 minutes)

Presenter: Prof. KOLA, Luan (Aleksander Xhuvani University)

Contribution ID: 64

Type: **not specified**

Visit of Drilon Park with Boat trip and photos in Luxuriant vegetation

Wednesday 6 July 2016 14:00 (1h 30m)

Presenter: TOPI, Albana (Siena University, Siena, Italy)

Contribution ID: 65

Type: **not specified**

Departure to Korçë and visit of the city (visit of the ABC Museum, the first School in Albanian Language in 1887)

Wednesday 6 July 2016 15:30 (2 hours)

Presenters: TOPI, Albana (Siena University, Siena, Italy); HALILI, Daniela; Prof. KOLA, Luan (Aleksander Xhuvani University)

Contribution ID: 66

Type: **not specified**

Departure from Korçë to Elbasan (After a 3 mn stop in front of the French Army Cemetery 1917 for a photo)

Wednesday 6 July 2016 18:00 (2h 30m)

Presenter: Prof. LEMOIGNE, Yves (TERA Foundation (IT))

Contribution ID: 67

Type: **not specified**

Brachytherapy: Photon Sources

Thursday 7 July 2016 08:30 (1 hour)

Presenter: Dr RIJNDERS, Alex (Europe Hospitals, Brussels, Be)

Contribution ID: **68**

Type: **not specified**

Brachytherapy Room

Thursday 7 July 2016 09:30 (1 hour)

Presenter: Dr TELHAJ, Ervis (Hygeia Hospital, Tirana)

Contribution ID: 69

Type: **not specified**

Radiobiology in Brachytherapy

Thursday 7 July 2016 11:00 (1 hour)

Presenter: Dr RIJNDERS, Alex (Europe Hospitals, Brussels, Be)

Contribution ID: 70

Type: **not specified**

BRACHYTHERAPY: Dosimetry Systems

Thursday 7 July 2016 12:00 (1 hour)

Presenter: Dr TELHAJ, Ervis (Hygeia Hospital, Tirana)

Contribution ID: 71

Type: **not specified**

Students' Forum

Thursday 7 July 2016 14:30 (30 minutes)

Presenter: DADGAR, Meysam (Urmia University)

Contribution ID: 72

Type: **not specified**

BRACHYTHERAPY: Treatment Plannings

Thursday 7 July 2016 15:00 (1 hour)

Presenter: Dr RIJNDERS, Alex (Europe Hospitals, Brussels, Be)

Contribution ID: 73

Type: **not specified**

Ionising Radiation in Radiotherapy

Thursday 7 July 2016 16:30 (1 hour)

Presenter: GJOKA, Uarda (University of Tirana)

Contribution ID: 74

Type: **not specified**

VARIAN BrachyTherapy

Thursday 7 July 2016 17:30 (1 hour)

Presenter: Dr MADER, Armin (Varian GmbH)

Contribution ID: 75

Type: **not specified**

BANQUET

Contribution ID: 76

Type: **not specified**

Quality Assurance, Patient Safety in BRACHYTHERAPY

Friday 8 July 2016 08:30 (1 hour)

Presenter: Dr RIJNDERS, Alex (Europe Hospitals, Brussels, Be)

Contribution ID: 77

Type: **not specified**

Conventional and Stereotactic Radiotherapy

Friday 8 July 2016 09:30 (1 hour)

Presenter: Dr MUÇOLLARI, Irena (Mother Teresa Hospital, Tirana)

Contribution ID: 78

Type: **not specified**

Innovation in Medicine: Toward Treatments by Electroporation techniques

Friday 8 July 2016 11:00 (1 hour)

Presenter: Dr RAEISI, Elham (Shahrecord University)

Contribution ID: 79

Type: **not specified**

Summary, Discussion and Conclusions

Friday 8 July 2016 12:00 (1 hour)

Presenter: Prof. LEMOIGNE, Yves (TERA Foundation (IT))