



TAIEX Regional Workshop on Biomedical Engineering - Medical Physics

organised in co-operation with
Ministry of Civil Affairs of Bosnia and Herzegovina

Venue:

Hotel Mellain, Aleja Alije Izetbegovića 3, 75000 Tuzla,
Bosnia and Herzegovina
25 - 26 June 2018

Beneficiaries:

Bosnia and Herzegovina, Serbia, the former Yugoslav Republic of
Macedonia

ETT65372

Aim of the workshop:

The aim of the workshop is to introduce participants from the Western Balkan countries to activities regarding the implementation of the European basic safety standards for protection against the dangers arising from exposure to ionising radiation (Council Directive 2013/59/Euratom).

The workshop will also provide expertise in the field of medical physics, with emphasis on new technologies and techniques in radiotherapy, nuclear medicine and diagnostic radiology.

Day 1: Monday, 25 June 2018

Chair: Mr. Adnan **BEGANOVIĆ**, Phd., Clinical Centre of Sarajevo University

08:30 – 09:00	Registration of participants
09:00 – 09:20	Welcome speech by the representative of Ministry of Civil Affairs of Bosnia and Herzegovina, President of Bosnia and Herzegovina Medical and Biological Engineering Society, Mr. Almir BADNJEVIĆ
09:20 – 09:50	Implementation of Council Directive 2013/59/Euratom: justification of medical exposure Mr. Mario MARENGO , University of Bologna
09:50 – 10:50	Implementation of Council Directive 2013/59/Euratom: optimization in diagnostic radiology Mr. Renato PADOVANI , former Head of the Medical Physics department, University Hospital Udine
10:50 – 11:00	Radiation Protection and Nuclear Safety Legislation in Bosnia and Herzegovina Mr. Armin LAGUMDŽIJA , State Regulatory Agency for Radiation and Nuclear Safety of Bosnia and Herzegovina
11:00 – 11:15	<i>Coffee Break</i>
11:15 – 12:15	Implementation of Council Directive 2013/59/Euratom: education, training and recognition of medical physics expert Mr. Damián GUIRADO LLORENTE , University of Granada
12:15 – 13:00	Implementation of Council Directive 2013/59/Euratom: role of radiation protection expert in medicine Ms. Luminita MORARU , Faculty of Sciences, University "Dunarea de Jos"
13:00 – 14:00	<i>Lunch Break</i>
14:00 – 14:45	Radiobiology Mr. Damián GUIRADO LLORENTE , University of Granada
14:45 – 15:00	<i>Coffee Break</i>
15:00 – 15:45	Dental radiology Mr. Dario FAJ , Faculty of Medicine, Josip Juraj Strossmayer University of Osijek
15:45 – 16:30	Optimisation of CT practice - experience from 4 teaching hospitals

	Mr. Dario FAJ , Faculty of Medicine, Josip Juraj Strossmayer University of Osijek
16:30 - 17:00	Summary and Conclusions of Day 1

Day 2: Tuesday, 26 June 2018

Chair: Mr. Aljo **MUJČIĆ**, PhD., Faculty of Electrical Engineering Tuzla

09:00 – 09:45	New challenges in radionuclide production Mr. Mario MARENGO , University of Bologna
09:45 – 10:30	Targeted radionuclide therapy Ms. Luminita MORARU , Faculty of Sciences, University "Dunarea de Jos"
10:30 – 11:00	<i>Coffee Break (including a Group Photo)</i>
11:00 – 11:45	Hybrid imaging in nuclear medicine: new advances Mr. Mario MARENGO , University of Bologna
11:45 – 13:00	Dual energy computed tomography Mr. Renato PADOVANI , former Head of the Medical Physics department, University Hospital Udine
13:00 – 14:00	<i>Lunch Break</i>
14:00 - 14:45	Digital breast tomosynthesis Mr. Renato PADOVANI , former Head of the Medical Physics department, University Hospital Udine
14:45 – 15:00	<i>Coffee Break</i>
15:00 -16:30	New imaging techniques in diagnostic radiology Ms. Natalya KIZILOVA , Warsaw University of Technology
16:30 - 17:00	Summary of the workshop - Conclusions and Next Steps
17:00	End of the Workshop

This meeting is being organised by the
***Technical Assistance Information Exchange Instrument
of the European Commission***

http://ec.europa.eu/neighbourhood-enlargement/tenders/taix/index_en.htm



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