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International Workshop on LHC, Astrophysics, Medical and Environmental Physics. Shkodra (Albania), 6-8 October 2014

Monday 06 October 2014

Registration (08:30-09:00)

Opening session - Rectorat building Auditorium A3 (09:00-10:45)

- Conveners: Prof. Bekteshi, Adem

time	[id] title	presenter
09:00	[2] Official welcome: Greetings by Prof. Artan Haxhi Rector of the Shkodra University (00h20')	
09:20	[36] Science and Education in Albania (00h15')	Prof. HAFIZI, Mimoza
09:35	[1] Introduction and presentation of CERN (00h30')	Prof. TSESMELIS, Emmanuel
10:05	[3] CERN Accelerator system and futur development (00h35')	Dr. KURTYKA, Tadeusz

Coffee break - All Posters on the Walls! (10:45-11:00)

HEP experimental - Rectorat building Auditorium A3 (11:00-13:00)

- Conveners: Dobrzynski, Ludwik

time	[id] title	presenter
11:00	[4] Atlas detector (00h25')	GAZIS, Evangelos
11:25	[6] Atlas detector upgrades, impact to Medical Physics (00h25')	Prof. SAMPSONIDIS, Dimos
11:50	[40] CMS detector and its upgrades (00h30')	DOBRZYNSKI, Ludwik
12:20	[10] Higgs discovery and it's properties (00h40')	PULJAK, Ivica

Lunch (13:00-14:00)

Medical Physics - University library (14:00-15:30)

- Conveners: Lemoigne, Yves

time	[id] title	presenter
14:00	[28] Overview on Medical Physics (00h40')	Dr. LEMOIGNE, Yves
14:40	[29] Introduction to Hadron therapy (00h25')	ALTIERI, Palma Rita
15:05	[43] Hadron therapy in Greece (00h25')	Prof. THEODOROU, Kiki

HEP experimental - University library (15:30-17:00)

- Conveners: Denegri, Daniel

time	[id] title	presenter
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15:30	[44] Higgs boson physics: prospects for Run-2 and 3 (00h45')	DE FILIPPIS, Nicola
16:15	[11] Physics prospects at LHC: BSM results and SUSY search (00h45')	DE ROECK, Albert

Excursion to the Shkodra old Castle: Signature ceremony of the Agreement between CERN and the Albanian Minister of Education and Sport, Welcome Party, Museum visit, sky observations (17:00-22:00)

time	[id] title	presenter
18:30	[54] Greetings by Son Excellence l'Ambassadeur de France à Tirana (00h10')	
18:40	[51] Greeting from Minister of Education and Sport, Albania (00h10')	Mrs. NIKOLLA, Lindita
18:50	[53] Presentation of the Agreement between CERN and Albania (00h10')	Dr. TSESMELIS, Emmanuel
19:00	[52] Signature ceremony of the Agreement between CERN and the Albanian Minister of Education and Sport (00h10')	

Tuesday 07 October 2014

HEP theory - University library (08:45-09:15)

- **Conveners: Prof. Borici, Artan**

time	[id] title	presenter
08:45	[15] Title: Strong and gravitational forces: what do they have in common? (00h15')	Prof. BORICI, Artan
09:00	[17] Chiral symmetry on the lattice: broken hypercubic symmetry (00h15')	Dr. ZEQIRLLARI, Rudina

Medical Physics: Medical Physics - University library (09:15-11:15)

- **Conveners: Lemoigne, Yves; Dr. Lemoigne, Yves; Lemoigne, Yves; Lemoigne, Yves**

time	[id] title	presenter
09:15	[30] Basic ultrasounds 1 (00h45')	Prof. CACHARD, Christian
10:00	[31] Ultrasound imaging (00h45')	Dr. LIEBGOTT, Hervé
10:45	[49] Basic Ultrasound 2 (00h25')	Prof. CACHARD, Christian

Coffee break - Poster session (11:15-11:35)

Astrophysics 1 - University library (11:35-12:45)

- **Conveners: Prof. Mochkovitch, Robert**

time	[id] title	presenter
11:35	[20] Overview of observational cosmology (00h35')	Vanina Ruhlmann-Kleider
12:10	[18] Exotic Black Holes (00h35')	Prof. DERUELLE, Nathalie

Lunch (12:45-13:45)

Astrophysics 2 - University library (13:45-15:00)

- **Conveners: Depaolis, Francesco**

time	[id] title	presenter
13:50	[21] Oxygen in the Universe (00h35')	Prof. STASINSKA, Grazyna
14:25	[22] Present and future EUropean astronomical observing facilities, and the Opticon Access program (00h35')	Prof. DENNEFELD, Michel

Environment - University library (15:00-16:00)

- **Conveners: Prof. Bekteshi, Adem**

time	[id] title	presenter
15:00	[42] RADIOLOGICAL IMPACT ASSESSMENT IN THE SOUTHEASTERN MEDITERRANEAN AREA (00h30')	Prof. VOSNIAKOS, F.
15:30	[41] Sensor development for environmental science (00h30')	Prof. SPAGNOLO, Vincenzo

Break - Poster session (16:00-16:30)

Medical Physics: Parallel session - University library (16:30-19:10)

- **Conveners: Lemoigne, Yves**

time	[id] title	presenter
16:30	[33] Transducers for ultrasounds (00h45')	Prof. CACHARD, Christian
17:15	[34] Doppler ultrasounds (00h45')	Prof. CACHARD, Christian
18:00	[35] Ultrasounds Advanced imaging and thérapy. (00h45')	Dr. LIEBGOTT, Hervé
18:45	[46] ADVANCED MRI TECHNIQUES FOR DIFFERENTIAL DIAGNOSIS (00h25')	Prof. THEODOROU, Kiki

Environment : Parallel session (16:35-18:45)

- **Conveners: Prof. Bekteshi, Adem**

time	[id] title	presenter
16:35	[50] Heavy metals accumulation by Ceratophyllum demersum and Vallisneria spiralis in Shkodra lake ecosystem (00h20')	Prof. BEKTESHI, Adem

Workshop diner (20:15-22:45)

Wednesday 08 October 2014

Astrophysics, GBR - University library (09:00-10:00)

- Conveners: Deruelle, Nathalie

time	[id] title	presenter
09:00	[23] What we know, what we think we know and what we don't know about the physics (00h30')	Prof. ROBERT, Mochkovitch
09:30	[24] Spectral lags in Gamma Ray Bursts (00h15')	Dr. BOÇI, Sonila
09:45	[25] Evaluation of the Quality of the Automated Swift-XRT Pipeline (00h15')	Dr. BARDHO, Onelda

Astrophysics, Gravitational Microlensing - University library (10:00-11:00)

- Conveners: Stasinska, Grazyna

time	[id] title	presenter
10:00	[37] The supermassive black hole at the Galactic center (00h40')	Prof. DEPAOLIS, Francesco
10:40	[38] Gravitational microlensing and the finite dimensions of the stars (00h20')	Dr. HAMOLLI, Lindita

Coffee break - Poster session (11:00-11:15)

Medical Physics - University library (11:15-12:35)

- Conveners: Lemoigne, Yves

time	[id] title	presenter
11:15	[32] Medical physics in university: medical education and hospital settings (00h40')	Prof. MILADINOVA, Daniela
11:55	[45] Medical Physics in a private Clinic (00h20')	Dr. SONJA, Petkovska
12:15	[47] Medical Physics : Workshop Summary (00h20')	LEMOIGNE, Yves

Lunch (12:35-13:30)

HEP experimental: HEP experimental - Rectorat building Auditorium A3 (13:30-15:30)

- Conveners: Prof. Iaselli, Giuseppe

time	[id] title	presenter
13:30	[5] Alice detector and Heavy Ion physics (00h40')	FOKA, Yiota
14:10	[13] Computing at LHC (00h30')	Dr. DE FILIPPIS, Nicola
14:40	[14] HEP technologies and they transfer to industry (00h45')	Prof. IASELLI, Giuseppe

LHC results and future Prospects - Rectorat building Auditorium A3 (15:30-17:00)

- Conveners: Denegri, Daniel

time	[id] title	presenter
15:30	[19] New prospects in Astrophysics (00h30')	Prof. RUFFINI, Remo

16:00	[39] Results from the Standard Model Physics at LHC and some perspectives in particle Physics. (00h45')	DENEGRI, Daniel
16:45	[48] Workshop conclusions (00h15')	DOBRZYNSKI, Ludwik Prof. BEKTESHI ADEM Prof. HAFISI, Mimosa