

3rd European Advanced Accelerator Concepts Workshop

Tuesday, September 26, 2017

WG4 Parallel (4:00 PM - 5:30 PM)

-Conveners: Deepa Angal-Kalinin; Stuart Mangles

| time | [id] title | presenter |
|---------|------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 4:00 PM | [M10] Ultra-brilliance isolated attosecond gamma-ray light source from nonlinear Compton scattering | Dr YU, Jinqing |
| 4:15 PM | [M09] Time resolved X-ray absorption measurements of high energy density matter using broadband X-rays from an electron beam | Dr KETTLE, Brendan |
| 4:30 PM | [M24] Laser wakefield accelerators as x-ray sources for biomedical imaging applications | Dr COLE, Jason |
| 4:45 PM | [M6] Bright betatron X-rays for imaging applications | GOETZFRIED, Johannes |
| 5:00 PM | [M02] Discussion Session | |

WG4 Parallel (6:00 PM - 7:30 PM)

-Conveners: Deepa Angal-Kalinin; Stuart Mangles

| time | [id] title | presenter |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 6:00 PM | [M58] Plasma acceleration based space radiation reproduction and hardness assurance | Mr ULLMANN, Daniel |
| 6:15 PM | [M27] Experimental observation of radiation reaction due to hard photon emission in the collision of a high-intensity laser with a laser-wakefield accelerated electron beam | Dr COLE, Jason |
| 6:30 PM | [M75] electron-gamma compact colliders for muon based applications | SERAFINI, Luca |

Wednesday, September 27, 2017

WG4 Parallel (4:00 PM - 5:30 PM)

-Conveners: Deepa Angal-Kalinin; Stuart Mangles

| time | [id] title | presenter |
|--------|----------------------------------------------------------------------------------------------------------------------------|----------------------|
| 4:00 P | M 5] Study of the electron transport in the COXINEL FEL beamline using a laser plasma accelerated electron beam | ANDRE, Thomas |
| 4:15 P | M 4] Tunable High Gradient Quadrupoles For A Laser Plasma Acceleration Based FEL | Mr GHAITH, Amin |
| 4:45 P | M 43] EUPRAXIA at SPARC_LAB: Beam Dynamics studies for the X-band Linac | VACCAREZZA, Cristina |
| 5:00 P | M 03] Discussion Session | |

WG4 Parallel (6:00 PM - 7:30 PM)

-Conveners: Deepa Angal-Kalinin; Stuart Mangles

| time | [id] title | presenter |
|--------|----------------------------------------------------------------------------------------------------|-------------------------|
| 6:00 P | M 05] Commissioning Results From The LUX Beamline For Plasma-Driven Undulator Radiation | MAIER, Andreas |
| 6:15 P | M 57] Development of a Novel Undulator with a Very Short Period Length | Prof. YAMAMOTO, Shigeru |
| 6:30 P | M 07] Undulator Upgrade for the LUX Beamline | Mr WERLE, Christian |

Thursday, September 28, 2017

WG4 Parallel (4:00 PM - 5:30 PM)

-Conveners: Deepa Angal-Kalinin; Stuart Mangles

| time | [id] title | presenter |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 4:00 P | M195] Laser-Generated Proton Beams for High-Precision Ultra-Fast Crystal Synthesis | Dr ANTICI, Patrizio |
| 4:15 P | M128] Laser-Accelerated Proton Beams as Diagnostics for Cultural Heritage | Dr SCISCIO', Massimiliano |
| 4:30 P | M145] Geant4 simulation of the ELIMED transport and dosimetry beamline for high-energy laser-driven ion beam multidisciplinary applications | MILLUZZO, Giuliana Giuseppina |
| 4:45 P | M179] A compact Laser based Neutron source | CIANCHI, Alessandro |
| 5:00 P | M150] Ultrafast pulsed proton radiolysis in water: Delayed solvation time of electron | Dr DROMEY, Brendan |
| 5:15 P | M153] Stress testing of materials using Laser-accelerated protons | ANTICI, Patrizio |

WG4 Parallel (6:00 PM - 7:30 PM)

-Conveners: Deepa Angal-Kalinin; Stuart Mangles

| time | [id] title | presenter |
|--------|------------------------------------------------------------------------------------------------------------|-------------------------|
| 6:00 P | M104] Ultrahigh 6D brightness electron beams from a single plasma acceleration stage | Mr HABIB, A. Fahim |
| 6:15 P | M147] Laser wakefield injector in the frame of EuPRAXIA | Mr AUDET, Thomas |
| 6:30 P | M14] Transverse electron beam dynamics in a nanocoloumb-class laser wakefield accelerator | Mr KOEHLER, Alexander |
| 6:45 P | M190] X/Gamma-ray emission from self-modulated wakefield accelerators | Mr CANDEIAS LEMOS, Nuno |