

Session Program

Sep 15 - 21, 2019



4th European Advanced Accelerator Concepts Workshop

WG4

Hotel Hermitage, La Biodola Bay, Isola d'Elba, Italy
La Biodola Bay - 57037 Portoferraio Isola d'Elba (Li) - Italy

Mon, September 16

4:00 PM

WG4

Session | **Location:** Hotel Hermitage, Sala Elena (SE)

4:00 – 4:20 PM

Application of laser-accelerated particles (protons and electrons) to radiation biology.

Speaker

Alessandro Flacco

4:20 – 4:40 PM

Dosimetry of laser-accelerated carbon ions for cell irradiation at ultra-high dose rate

Speaker

Giuliana Milluzzo

4:40 – 5:00 PM

Toward effective applications of laser-driven VHEE in radiotherapy: dosimetry, multiple-field irradiation and intensity-modulated fields

Speaker

Luca Labate

5:00 – 5:20 PM

Laser-PIXE using laser-accelerated proton beams

Speaker

Patrizio Antici

5:30 PM

Tue, September 17

6:00 PM

WG4

Session | **Location:** Hotel Hermitage, Sala Elena (SE)

6:00 – 6:20 PM

SINBAD-ARES - A Photo-Injector for external Injection Experiments in novel Accelerators at DESY

Speaker

Barbara Marchetti

6:20 – 6:40 PM

e-SYLOS: a kHz laser wakefield driven beamline for radiobiological and imaging applications at ELI-ALPS

Speaker

Rob Shalloo

6:40 PM

Thu, September 19

4:00 PM

WG4

Session | **Location:** Hotel Hermitage, Sala Elena (SE)

4:00 – 4:20 PM

Laser-wakefield accelerators for high-resolution X-ray imaging of complex microstructures

Speaker

Amina Hussein

4:20 – 4:40 PM

Investigating extreme conditions using laser-wakefield accelerator sources

Speaker

Brendan Kettle

4:40 – 5:00 PM

A positron source for applications using the TARANIS laser

Speaker

Thomas Audet

5:00 – 5:20 PM

Summary Preparation

5:30 PM