



# 3rd European Advanced Accelerator Concepts Workshop

## Monday 25 September 2017

### WG3 Parallel (16:00-17:30)

**-Conveners: Franz Kaertner; Alexej Grudiev**

time	[id] title	presenter
16:00	[219] Wakefield Acceleration and Phase Space Manipulation at the Argonne Wakefield Accelerator Facility (AWA)	Dr CONDE, Manoel
16:30	[24] Dielectric wakefield R&D programme at Daresbury Laboratory	Dr SAVELIEV, Yuri
16:50	[75] Status and Objectives of the Dedicated Accelerator R&D Facility "SINBAD" at DESY	Mr DORDA, Ulrich
17:10	[220] RF injector design studies for the witness beam for a plasma-based user facility	GIRIBONO, Anna

### WG3 Parallel (18:00-19:30)

**-Conveners: Franz Kaertner; Alexej Grudiev**

time	[id] title	presenter
18:00	[113] High Gradients in Dielectric Wakefield Accelerators	Dr O'SHEA, Brendan
18:30	[205] Experimental demonstration of Ballistic Bunching with Dielectric Lined Waveguides at PITZ	Dr LEMERY, Francois
19:10	[40] High frequency laminated metallic structures for particles radiation and acceleration	Prof. TSAKANOV, Vasili

# Wednesday 27 September 2017

## WG3 Parallel (16:00-17:30)

-Conveners: Franz Kaertner; Alexej Grudiev

time	[id] title	presenter
16:00	[237] Ultra-High Brightness Electron Beams From Very-High Field Cryogenic Radiofrequency Photocathode Sources	Prof. ROSENZWEIG, James
16:30	[57] n-machining, surface analysis and characterization measurements of a copper photocathode at SPARC_LAB	SCIFO, Jessica
16:50	[192] extreme high brightness electron beam generation in a space charge regime	SERAFINI, Luca

## WG3 Parallel (18:00-19:30)

-Conveners: Franz Kaertner; Alexej Grudiev

time	[id] title	presenter
18:00	[133] Performance of the prototype THz-driven electron gun for the AXISIS project.	Dr VASHCHENKO, Grygorii
18:30	[169] Simulations of an hybrid and compact attosecond X-ray source based on RF and THz technologies	Dr VINATIER, thomas
18:50	[89] Simulation studies for dielectric wakefield programme on CLARA facility	Mr PACEY, Thomas
19:10	[183] High Energy Narrowband Terahertz Generation with Broadband Chirped Pulse Trains in Periodically Poled Lithium Niobate	JOLLY, Spencer

# Thursday 28 September 2017

## **WG3 Parallel (16:00-17:30)**

**-Conveners: Franz Kaertner; Alexej Grudiev**

time	[id] title	presenter
16:00	[231] Staging, focusing and microbunching in dielectric laser accelerators	Dr MCNEUR, Joshua
16:20	[238] Laser-driven Dielectric Wakefield Accelerator	Prof. ROSENZWEIG, James
16:40	[218] Demonstration of increased interaction length in a high gradient dielectric laser accelerator	CESAR, David
17:00	[2] Energy efficiency studies for dual-grating dielectric laser-driven accelerators	Mr WEI, Yelong
17:15	[59] Transfer matrix and transfer function analysis for grating-type dielectric laser accelerators	Dr SZCZEPKOWICZ, Andrzej

## **WG3 Parallel (18:00-19:30)**

**-Conveners: Franz Kaertner; Alexej Grudiev**

time	[id] title	presenter
18:00	[212] Demonstration of cascaded pre-bunching for enhanced particle trapping in an Inverse Free Electron Laser accelerator	Mr SUDAR, Nicholas
18:30	[115] Group and phase velocity matching in THz IFEL interaction	CURRY, Emma
18:50	[217] Resonant excitation of surface plasma waves in the relativistic regime: electron bunches and high order harmonic generation	Dr CECCOTTI, Tiberio
19:10	[251] Toward a proof-of-principle experiment of Optical Stochastic Cooling	Mr ANDORF, Matthew