

Session Program

15-17 Jul 2015

3rd ARD ST3 workshop

Session 2 | Beam Dynamics & Photon Sources

KIT, ANKA Seminar room, building 348
Hermann-von-Helmholtz Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

Wednesday 15 July

15:10

Session 2 | Beam Dynamics & Photon Sources

Session |

Location: KIT, ANKA Seminar room, building 348, Hermann-von-Helmholtz Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

15:10–15:25

Talk 1: CSR & Beam Dynamics Simulations

Speaker

Peter Kuske

15:25–15:28

Speed Poster: Experience from TDS Measurements at the SwissFEL Injector Test Facility

Speaker

Dr Bolko Beutner

15:28–15:31

Speed Poster: Development of superconducting undulators at ANKA

Speaker

Dr Sara Casalbuoni

15:31–15:34

Speed Poster: AN INTRODUCTION TO THE SINBAD LINAC

Speaker

Mr Jun Zhu

15:34–15:37

Speed Poster: New photocathode laser system for 3D quasi-ellipsoidal pulses - first produced photoelectrons

Speaker

Dr Tino Rublack

15:37–15:40

Speed Poster: Simulations of the IR/THz Options at PITZ (High-gain FEL and CTR)

Speaker

Mr Prach Boonpornprasert

15:40–15:43

Speed Poster: Calculating the Electric Field of Coherent THz Pulses

Speaker

Dr Markus Schwarz

15:43–15:46

Speed Poster: Longitudinal Beam Dynamics at BESSY VSR

Speaker

Dr Paul Goslawski

15:46–15:49

Speed Poster: Linearization of the longitudinal phase space without higher harmonic field

Speaker

Mr Benno Zeitler

15:49–15:52

Speed Poster: BEAM DYNAMICS OF LOW CHARGE ELECTRON BUNCHES FOR SINGLE SPIKE RADIATION AT FLASH**Speaker**

Dr Bernd Steffen

15:52–15:55

Speed Poster: Short Pulses at bERLinPro**Speaker**

Mr Andreas Ginter

15:55–15:58

Speed Poster: Microbunching Simulations**Speaker**

Patrik Schönfeldt

15:58–16:01

Speed Poster: Studies of THz Radiation in the Bursting Regime at ANKA**Speakers**

Mr Johannes Steinmann, Miriam Brosi

16:01–16:04

Speed Poster: Realizing All-Optical Free-Electron Lasers with Traveling-Wave Thomson-Scattering**Speaker**

Dr Alexander Debus

16:04–16:07

Speed Poster: FEL Lasing Suppression by a Seeded Microbunching Instability**Speaker**

Dr Jörn Bödewadt

16:07–16:10

Speed Poster: Seeding experiment at FLASH**Speaker**

Dr Jörn Bödewadt

16:10–16:13

Speed Poster: Very Large Acceptance compact Storage Ring to study ultra-short pulses of electron beam with wide momentum spread**Speaker**

Dr Alexander PAPASH

16:13–16:16

Superradiant Undulator Radiation**Speaker**

Mr Bertram Green

16:16