

# FLS 2006 [WG4] Working Group 4

## Session #Time Schedule Author Affiliation Abstract Title

- [WG401](#) Friedrich Staufenbiel Rossendorf Research Centre (FZR) Radiation Source ELBE  
Advantages of the Superconducting 3½ Cell SRF Gun in Rossendorf
- [WG402](#) Sung Ju Park Pohang Accelerator Laboratory (PAL)  
High-Brightness Source R&Ds for a XFEL Development in the Pohang Accelerator Laboratory (PAL)
- [WG403](#) Changbum Kim Pohang Accelerator Laboratory (PAL)  
Laser System of Photocathode RF Gun in Pohang Accelerator Laboratory
- [WG404](#) Daniele Filippetto Istituto Nazionale di Fisica Nucleare (INFN/LNF) Laboratori Nazionali di Frascati  
Commissioning of SPARC Photo-Injector
- [WG405](#) Mauro Trovo Sincrotrone Trieste S.C.p.A. (ELETTRA) ELETTRA  
Gun Jitter Study for the FERMI@Elettra Photoinjector
- [WG406](#) Giuseppe Penco Sincrotrone Trieste S.C.p.A. (ELETTRA) ELETTRA  
Ramping current distribution option for the FERMI@ELETTRA photoinjector
- [WG411](#) Jang Hui Han Deutsches Elektronen-Synchrotron (DESY)  
An Estimation of Dark Current at the European XFEL Gun
- [WG412](#) Hiroyuki Hama Laboratory of Nuclear Science (LNS) Tohoku University  
Low Emittance Electron Guns Employing the LaB6 Single Crystal Cathode
- [WG421](#) Bas van der Geer Technische Universiteit Eindhoven (TUE) Department of Applied Physics  
Production of Ultra-Short, High-Brightness Waterbag Bunches
- [WG422](#) Yoshitaka Kawashima Japan Synchrotron Radiation Research Institute (JASRI/SPRING-8) Accelerator Division  
Proposal of a Photocathode Impulse-Gun and Followed by Impulse Accelerating Structures to Produce Low Emittance Electron Beam
- [WG423](#) Kwang-Je Kim Argonne National Laboratory (ANL) Advanced Photon Source  
Transverse to Longitudinal Emittance Exchange to Improve Performance of High-Gain x-Ray Free Electron Laser
- [WG431](#) Mikhail Krasilnikov Deutsches Elektronen synchrotron DESY at Zeuthen (DESY Zeuthen)  
Introduction to the Benchmark Problem