

SATELLITE WORKSHOP - Photon Science



Central infrastructure for DESY Photon Science Scientific computing - update and future directions

30 Jan. 2020

SemR BAH1/BAH2, Bldg. 3

This satellite workshop addresses the increasing demand for cooperation between central IT and DESY Photon Science in the field of scientific computing. It will give an update on work done in the previous years, solutions and practices at DESY today, and future plans and directions to address coming challenges including the coming needs of PETRA IV

Organiser: Anton Barty, Martin Gasthuber, Andre Rothkirch Contact: martin.gasthuber@desy.de

PROGRAMME

14:00	Welcome and Introduction	Martin Gasthuber	DESY
14:15	Infrastructure update/news	Sven Sternberg	DESY
14:45	Analysis Services & Tools	Frank Schluenzen	DESY
15:05	HiDRA update and new developments	Manuela Kuhn	

15:30-16:00 Coffee break (30 Min.)

16:00	Real-time streaming data analysis using ASAPO	Sergey Yakubov, Tim Schoof	DESY
16:40	Machine Learning - ongoing and future projects	Frank Schluenzen, Philipp Heuser	DESY
17:20	Answers to collected questions & discussion		

18:30 *End of the workshop*