EUCALL EB Meeting Thursday April 7

Report on activities and results in WP4 (SIMEX)

* simex\_platform v0.1.0 has been released, repository is now public:
  + System independent build system based on cmake (work done in collaboration w/ Sergey Yakubov, DESY)
  + contains software for simulation of single-particle diffraction experiments and x-ray Thomson scattering
* A template document for interface definitions is in preparation. Will be used by SIMEX partners to specify requirements of their code projects for integration into simex\_platform. This will constitute the basis of the Design reports for Deliverables D4.1 and D4.2.
* Development of analysis software for crystallographic data (Bragg traces, virtual powder pattern, hit and peak finding. To be integrated into simex\_platform.
* Development of FELPulseSimulator: A tool to interface XFEL Pulse Database (XPD) files mimicking the temporal structure of realistic XFEL pulse trains.
* In-house presentation about status of SIMEX (March 29th) by Carsten. Well received, many questions and comments, interest from other instruments.
* Second VTC took place Feb. 17, minutes attached.