



FEL Simulation Meeting Notes

2008 January 29, WBGB 020, 1400-1525

Invited Participants: Andreas Adelman, Ake Andersson, Christof Kraus, Rene Bakker, Alexander Anghel, Michael Boege, Yujong Kim, Anne Oppelt, Stefan Pauli, Marco Pedrozzi, Frederic LePimpec, Jean-Yves Raguin, Thomas Schietinger, Andreas Streun, Frank Stulle, Marcus Wittberger, Albin Wrulich, Benedikt Oswald (**minutes and maitre de conference**).

Excused: Andreas Adelman, Anne Oppelt, Marcus Wittberger, Albin Wrulich

W.r.t Talks

Note: (1) the presentations given by the speakers will be attached to these notes. They will therefore not be commented on here. (2) The FELSI logo is used on behalf of the AMAS group.

1. **"Introduction of Yujong Kim"**, Thomas Schietinger -
2. **"OBLA Status"**, Thomas Schietinger – discussion on: effects of lase on charge, asymmetry in measured beam profiles and variation of gap voltage in Impact-T simulations.
3. **"present tunnel length / alternative electron source / Tolerance Studies"**, R. Bakker: from the discussion 3 conclusions emerged: (1) RF photo injector designs needs more attention (2) an alternative design for the photo injector should be studied (3) the RF group will be challenged with tough tolerances w.r.t amplitude and phase stability of RF power sources
4. **"Varia"** -