Results and Plans for March 2013

Start-to-End Simulations

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S2E Meeting, DESY
7. March 2013
### Codes

- **ALICE** (Igor.Zagorodnov@desy.de)
- **ASTRA** (Klaus.Fluettmann@desy.de)
- **CSRtrack** (Martin.Dohlus@desy.de)
- **ECHOz** (Igor.Zagorodnov@desy.de)
- **Elegant** (Michael Borland, ANL)
- **Genesis** (Sven Reiche, PSI)
- **MAD B**
- **Parallclized Astra** (Sascha.Meykopff@desy.de)

### Tools

- **Excel2Elegant for XFEL** (Hyunchang.Jin@desy.de)
- **PS Viewer** (Torsten.Umberg@desy.de)
- **Data GUI library for Matlab** (Sascha.Meykopff@desy.de)
- **Impedance Database for XFEL**: S:\user\accounts\helok\public\XFEL_MDB\XFEL2010.accdb (Olga.Zagorodnova@desy.de)
- **Impedance Database for FLASH**: S:\user\accounts\helok\public\FLASH_MDB\FLASH.accdb (Olga.Zagorodnova@desy.de)
Plan/Results February 2013

- FLASH simulations with Elegant and comparison with previous results (90% done)
- XFEL simulations with Elegant and for the whole machine (0%)
- New webpage design (70% done)
- New tools on the web: convertors (MAD<->Elegant, Elegant<->ASTRA, Elegant <->CSRtrack) (10%)
- ALICE 1.1 with intersections (0%)
- Make a talk at BD group meeting (0%)
Plan March 2013

- FLASH simulations with Elegant and comparison with previous results (100%)
- XFEL simulations with Elegant and for the whole machine (10%)
- New webpage design (80%)
- New tools on the web: convertors (MAD<->Elegant, Elegant<->ASTRA, Elegant <->CSRtrack) (50%)
- ALICE 1.1 with intersections (50%)
- Make a talk at BD group meeting (100%)

The next meeting on 4th April 2013