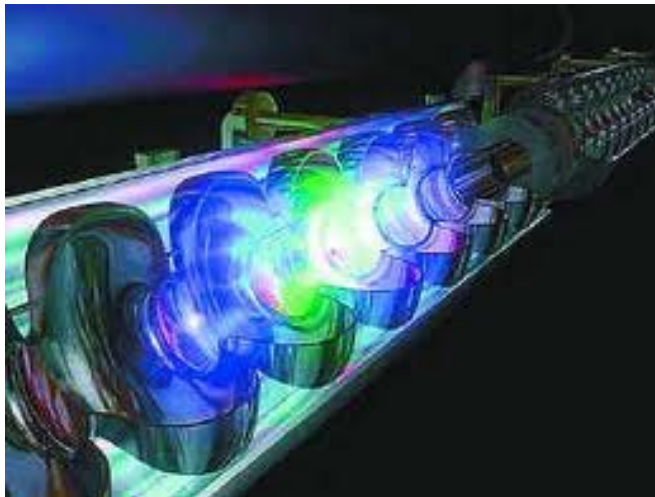


Results and Plans for March 2013

Start-to-End Simulations



Igor Zagorodnov

Deutsches Elektronen Synchrotron,
Hamburg, Germany

S2E Meeting, DESY
7. March 2013

Web Presence

Start-to-End Simulations : Codes and Tools

Codes

[ALICE](#) (Igor.Zagorodnov@desy.de)

[ASTRA](#) (Klaus.Floettmann@desy.de)

[CSRtrack](#) (Martin.Dohlus@desy.de)

[ECHOz](#) (Igor.Zagorodnov@desy.de)

[Elegant](#) (Michael Borland, ANL)

[Genesis](#) (Sven Reiche, PSI)

[MAD 8](#)

[Parallelized Astra](#) (Sascha.Meykopff@desy.de)

Tools

[Excel2Elegant for XFEL](#) (Hyunchang.Jin@desy.de) ← **New!**

[PS Viewer](#) (Torsten.Limberg@desy.de)

[Data GUI library for Matlab](#) (Sascha.Meykopff@desy.de)

Impedance Database for XFEL: S:\user\accounts\belok\public\XFEL_MDB\XFEL2010.accdb (Olga.Zagorodnova@desy.de)

Impedance Database for FLASH: S:\user\accounts\belok\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 \leftrightarrow Elegant, Elegant \leftrightarrow ASTRA, Elegant \leftrightarrow 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 \leftrightarrow Elegant, Elegant \leftrightarrow ASTRA, Elegant \leftrightarrow CSRtrack) (**50%**)
- ALICE 1.1 with intersections (**50%**)
- Make a talk at BD group meeting (**100%**)

The next meeting on 4th April 2013

