Work progress

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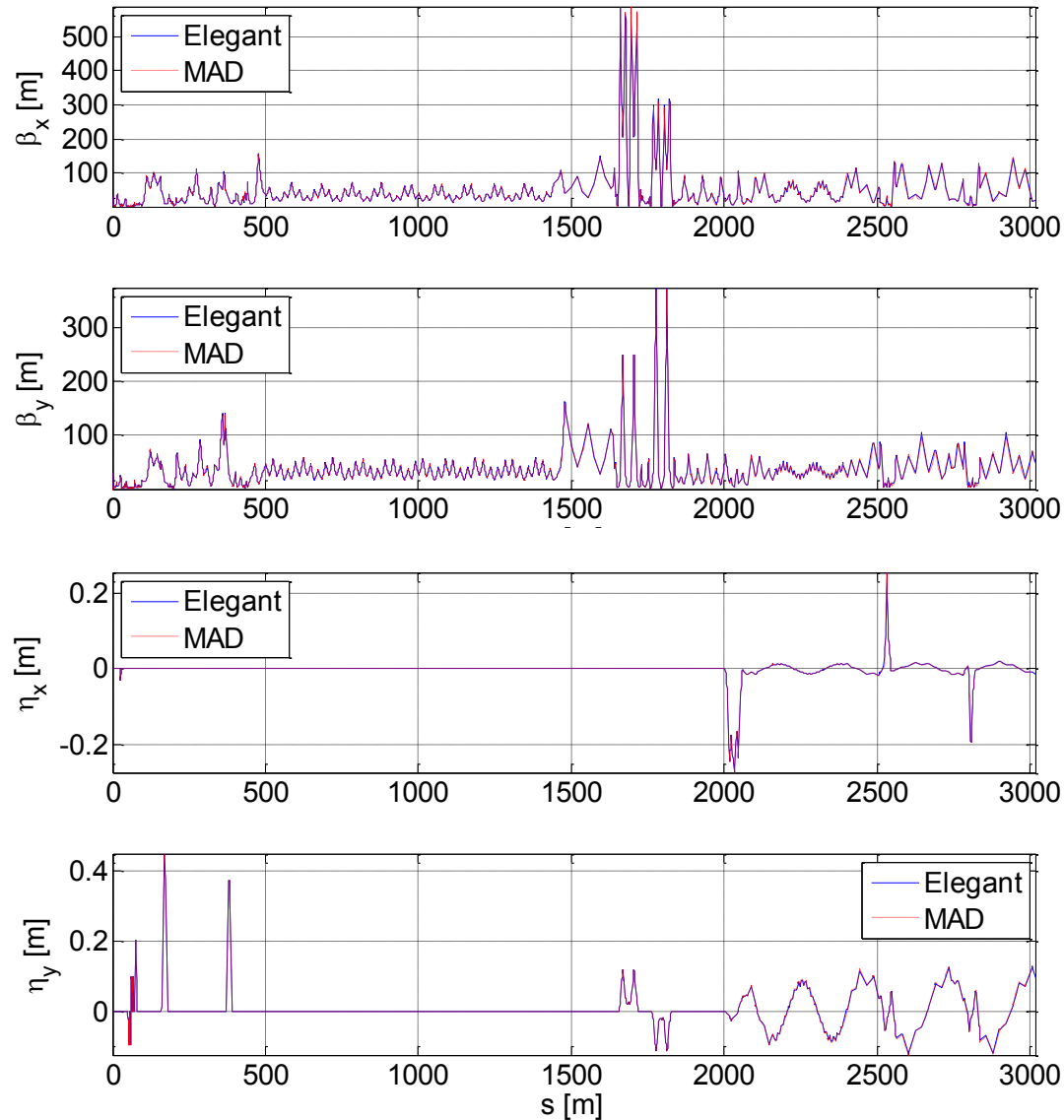
S2E meeting 2013. 04. 08

Plan in last month (2013.03)

- Genesis simulation at XFEL : more random seeds with initial position & quad-misalignment for statistics (on going)

- To write XFEL excel data -> Elegant convertor (in matlab) : in upgrading

- To make a matlab script for the BBA experiment at FLASH (experiment will be done in Aug. or Sep. 2013)

Achieved works in previous plan

- Genesis simulation at XFEL : more random seeds with initial position & quad-misalignment for statistics (on going)
    - *Presented in BD meeting (100 %)*

- To write XFEL excel data -> Elegant convertor (in matlab) : in upgrading
    - *Testing the converted lattice in elegant comparing with MAD (90 %)*

- To make a matlab script for the BBA experiment at FLASH (experiment will be done in Aug. or Sep. 2013)
    - *Simple matlab gui : read orbit data → calculate bpm- and quad-offset → adjust to machine → repeat (10 %)*

Comparison of beta-function & dispersion between elegant and MAD from Gun to TD1

Plan in next month

- To make a matlab gui for the BBA experiment at FLASH (experiment will be done in Aug. or Sep. 2013)

- To write an internal report for BBA in XFEL