Contribution ID: **78**   Type: **not specified**

SP11: Progress on on-line FEL optimization software

Friday, 21 July 2017 11:30 (3 minutes)

We present recent developments of the empirical FEL tuning software tools within the OCELOT suite, including the experience from the European XFEL commissioning with using various photon and electron beam parameter objectives.

New development directions related to data analytics and accelerator physics model validation will be briefly discussed.

Primary author: Dr TOMIN, Sergey (European XFEL)

Co-authors: Dr GELONI, Gianluca (European XFEL); Dr ZAGORODNOV, Igor (DESY); Dr AGAPOV, Ilya (DESY); Dr DECKING, Winfried (DESY)

Presenter: Dr TOMIN, Sergey (European XFEL)

Session Classification: Speed-Posterpresentation: Controls, Synchronization, Stability

Track Classification: Speedposter_Controls, Synchronisation and Stability