

## Parallel Session S16-D14

14 October 2020, 14:40-16:20 MSK (11:40-13:20 GMT)

*Chair: Viacheslav Ilyin*

Time	Name	Title
14.40-15.10 MSK 11.40-12.10 GMT	<u>Anton Teslyuk</u> , Alexei Poida, Viacheslav Ilyin et al	Advanced information technologies for flexible and scalable analysis of Cryo EM and X-ray free-electron laser experiments
15.10-15.30 MSK 12.10-12.30 GMT	<u>Alexander Soldatov</u> , Alexander Guda and Andrea Martini	Time-dependent X-ray absorption spectroscopy data analysis by using machine learning algorithms
15.30-15.50 MSK 12.30-12.50 GMT	<u>Alexander Guda</u> , Alexander Soldatov and Sergey Guda	PyFitit: the software for quantitative analysis of XANES spectra using machine-learning algorithms
15.50-16.00 MSK 12.50-13.00 GMT	Alexander Kryukov	Cloud storage with the ability to sample events at the user's request for medium-sized astrophysical experiments
16.00-16.10 MSK 13.00-13.10 GMT	<u>Stanislav Polyakov</u> , Julia Dubenskaya, Minh Duc Nguyen and Elena Fedotova	Utilization of idle supercomputer resources using container virtualization tools
16.10-16.20 MSK 13.10-13.20 GMT	<u>Vladimir Bondarenko</u> , Vasiliev A.L.	Quantitative analysis of Scanning transmission Electron Microscopy images of point defects