



**FEL2022****Thursday, 25 August 2022****Electron diagnostics, timing, synchronization & controls - Auditorium Generali (08:45 - 10:35)****-Conveners: Marie Labat**

time	[id] title	presenter
08:45	[234] Machine Learning-Based Virtual Diagnostic	HANUKA, Adi
09:15	[172] Coherent 3D Microstructure of Laser-Wakefield-Accelerated Electron Bunches	LUMPKIN, Alex KOEHLER, Alexander ZGADZAJ, Rafal DOWNER, Michael BOWERS, Brant Benjamin HANNASCH, Andrea LABERGE, Maxwell
09:45	[100] Self-Synchronized and Cost-Effective Time-Resolved Measurements at X-Ray Free-Electron Lasers with Femtosecond Resolution	DIJKSTAL, Philipp MALYZHENKOV, Alexander PRAT, Eduard
10:10	[175] Ultimate Pulse-to-Pulse Stability in Non-Linear Bunch Compressors	MANSTEN, Erik THORIN, Sara Mr SVÄRD, Robin Prof. ERIKSSON, Mikael BLASKOVIC KRALJEVIC, Neven Dr LINDAU, Filip Dr ALJ, Domenico Dr KROON, David GRIMM, Oliver Dr ISAKSSON, Lennart Dr FERNANDES TAVARES, Pedro