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Instrumentation, automation and standards in Structural Biology

Tuesday, 8 June 2021 11:00 (45 minutes)

EMBL Grenoble Instrumentation group works for decades for the benefit of structural biologist by developing high precision devices for automated sample preparation, sample transfer, and data-collection at synchrotrons. Gergely will present the evolution of machines since the very beginning of Macromolecular Crystallography (MX) at Synchrotrons until the latest developments, covering in addition devices for Small Angle X-ray Scattering (SAXS) and Cryo-Electron Microscopy (Cryo-EM). A special emphasis will be put on why international standards are necessary, and how to connect research and industry.

Presenter: PAPP, Gergely (EMBL)

Session Classification: EMBL