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The ESRF-EBS: Highlights and notes from the ESRF

Wednesday, 20 November 2024 10:00 (30 minutes)

In this talk I will briefly present the ESRF which has just celebrated 30 years of user operation. At the ESRF, 20 partner countries, amongst which is South-Africa, join forces to exploit 46 cutting edge beamlines at the forefront of synchrotron technology. I will, in particular, show how the ESRF-EBS (Extremely Brilliant Source), a major upgrade of the facility increasing the brilliance and coherence of the source by two orders of magnitude, is a game changer for the exploration of matter and life from their most intimate mechanisms to entire organs or functioning devices. The talk will be illustrated with recent examples of research carried by South African researchers at the ESRF.

Presenter: Prof. DALLANT, Jean (ESRF)

Session Classification: Plenary