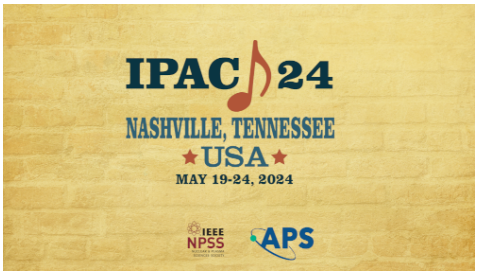

Contribution ID: **1420** Contribution code: **TUPG48** Type: **Poster Presentation**

Operational status of synchrotron SOLEIL

Tuesday, 21 May 2024 16:00 (2 hours)

The synchrotron SOLEIL is the French third-generation 2.75 GeV synchrotron light source, a research laboratory at the forefront of experimental techniques for the analysis of matter down to the atomic level, and a service platform open to all scientific and industrial communities. We present the performance of the accelerators, which deliver extremely stable photon beams to 29 beamlines. We report on last year's overall performance figures and the operation of the brand-new cooling station. As the optimization of the energy and carbon footprint becomes more and more prevalent in France and Europe, actions for a more sustainable operation are given. Several incidents are also presented, together with the lessons learned to avoid recurrence. Major research and development activities related to component obsolescence and the SOLEIL II project will also be presented.

Footnotes

Funding Agency

Paper preparation format

LaTeX

Region represented

Europe

Primary author: NADOLSKI, Laurent (Synchrotron Soleil)

Presenter: NADOLSKI, Laurent (Synchrotron Soleil)

Session Classification: Tuesday Poster Session

Track Classification: MC2: Photon Sources and Electron Accelerators: MC2.A05 Synchrotron Radiation Facilities