

Session Program

14–16 Jan 2026



20th SOLEIL USERS' MEETING - SUM2026

PARALLEL SESSION - Physics & Advanced Materials

Synchrotron SOLEIL
Main building Principal/0-0 - Salle Amphitheatre

Thursday 15 January

13:30

PARALLEL SESSION - Physics & Advanced Materials: Probing inversion symmetry breaking and related electronic properties in ultrathin tellurides

Session | Location: Synchrotron SOLEIL, Main building Principal/0-0 - Salle Amphitheatre | Convener: Fabien Cheynis

13:30–14:00

Probing inversion symmetry breaking and related electronic properties in ultrathin tellurides

Speaker

Fabien Cheynis

14:00

14:00

PARALLEL SESSION - Physics & Advanced Materials: Oral Communications 1 to 4

Session | Location: Synchrotron SOLEIL, Main building Principal/0-0 - Salle Amphitheatre | Conveners: Fabien Silly, Sara Gonzalez, Eglantine Boulard

14:00–14:25

1s2p Resonant Inelastic X-ray scattering Natural Circular Dichroism

Speaker

Mr Alessandro De Frenza

14:25–14:50

Deep Learning Approach for Fixing Limited Angle Artefacts in Synchrotron X-Ray Tomography

Speaker

Shyam PULICKAN

14:50–15:15

Imaging the Indirect-to-Direct Band-Gap Crossover in PbI₂

Speaker

Marcin Rosmus

15:15–15:40

Is there a Liquid-Liquid transition in realgar (As₄S₄) under Extreme Conditions? A Comprehensive Synchrotron study

Speaker

Rajaji VINCENT

15:40

16:10

16:40

PARALLEL SESSION - Physics & Advanced Materials: Invited Talk 2

Session | Location: Synchrotron SOLEIL, Main building Principal/0-0 - Salle Amphitheatre | Convener: Fabien Cheynis

16:40

PARALLEL SESSION - Physics & Advanced Materials: Oral Communications 5 to 8

Session | Location: Synchrotron SOLEIL, Main building Principal/0-0 - Salle Amphitheatre | Conveners: Fabien Silly, Eglantine Boulard, Sara Gonzalez

16:40–17:05

Mechanical Strain Effects on the Magnetic Response of Ferromagnetic Thin Films on Polymer Substrates

Speaker

Alejandro Toledano Povedano

17:05–17:30

Correlating RIXS and EELS and XEOL spectroscopies in van der Waals materials

Speaker

Alessandro NICOLAOU

17:30–17:55

Structural And Electrical Characterization of Hf_{0.5}Zr_{0.5}O₂ and ZrO₂ Thin Films Using Grazing Incidence Synchrotron X-ray Diffraction

Speaker

Grégoire Magagnin

17:55–18:20

In situ Synchrotron Study of the 1T'/1H Phase Transition in Colloidal WS₂ Monolayers

Speaker

Dario Matrippolito

18:20