

«Advanced Materials Scientific Section»

Provisional Program

Crosscut Review

« Emergent Phenomena in Low Dimensional Materials»

Thursday, January 22, & Friday, January 23, 2026

Thursday, January 22nd, 2026

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|----------------------|---|
| 9:45 - 10:00 | Arrival & welcome coffee - (near SOLEIL Amphithéâtre) |
| 10:00 - 18:00 | Open session (SOLEIL Amphithéâtre - Central Building) |
| 10:00 - 10:20 | Introduction to cross-cut review and SOLEIL II - (15 + 5 min)
<i>Amina TALEB-IBRAHIMI - Science Director</i> |
| 10:20 - 10:40 | Introduction by « Advanced Materials» section responsables - (15 + 5 min)
Alessandro COATI, SIXS Beamline - SOLEIL
Jean-Pascal RUEFF, GALAXIES Beamline -SOLEIL |
| 10:40 - 11:00 | Coffee break - (near SOLEIL Amphithéâtre) |
| 11:00 - 12:20 | Correlated materials / Topological Insulators / ...
Coordination Chiara BIGI & Marta ZONNO - (15 + 5 min)
<i>Expert users : V. BROUET, L.PERFETTI, Ph. HOFFMAN - (45 + 15 min)</i> |
| 12:20 - 14:00 | Lunch - SOLEIL Restaurant
<i>(Panel members, Scientific Section Responsible, Science Directors, expert users)</i> |
| 14:00 - 15:00 | Optoelectronics / Semiconductors / ...
Coordination : Jean-Blaise BRUBACH & Alessandro NICOLAOU - (15 + 5 min)
<i>J-F LAMPIN, A. ZOBELLI - (30 + 10 min)</i> |
| 15:00 - 15:20 | Coffee break - (near SOLEIL Amphithéâtre) |
| 15:20 - 16:20 | 2D materials / Nano-objects / ...
Coordination : Arnaud HEMMERLE - (15 + 5 min)
<i>Expert users : G. PREVOST, H. OUGHADDOU - (30 + 10 min)</i> |
| 16:20 - 16:40 | Coffee break - (near SOLEIL Amphithéâtre) |
| 16:40 - 18:00 | Discussion and open questions
<i>Panel members, Scientific section, Expert users and Science Directors</i> |
| 18:00 - 19:00 | Closed session (Room A2.1.32 LIBRA - 1st floor - Central Building)
<i>Panel members</i> |
| 19:30 | Departure for Dinner |
| 20:00 | Dinner with expert panel, BL Scientists, SOLEIL Science Directors, Expert users |

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Open session (SOLEIL Amphithéâtre- Central Building)

[9:00 - 10:00 & 15:30 - 16:00]

9:00 - 9:05

Welcome

Alessandro COATI & Jean-Pascal RUEFF - Section responsables

9:05 - 9:30

Integrative methodology & support groups

Presentation of SOLEIL laboratories - XXX - (20 + 5 min)

9:30 - 10:00

Data processing and management

Presentation of GRADES - Gamil CASSAM-CHENAÏ - (20 +10 min)

10:00 - 10:20

Coffee break - (near SOLEIL Amphithéâtre)

10:20 - 11:00

Closed session (Room A2.1.32 LIBRA - 1st floor - Central Building)

Panel members

11:00 - 11:40

Discussion and open questions

Panel members, Section responsables, Expert users and Science Director - (40 min)

11:40 - 12:30

Optional visit of beamlines

12:30 - 14:00

Lunch - SOLEIL Restaurant

(Panel members, Scientific Section Responsible, Science Directors, expert users)

14:00 - 15:30

Closed session (Room A2.1.32 LIBRA - 1st floor - Central Building)

Recommendations and report - panel members only

15:30 - 16:00

Open session (SOLEIL Amphithéâtre - Central Building)

Panel conclusions and recommendations

16:00

Closing