

## Agenda

### Cross Cut review «Catalysis for a Greener Planet »

Wednesday, March 20<sup>th</sup> & Thursday, March 21<sup>st</sup>, 2024

#### Day 1 – Wednesday, March 20<sup>th</sup>, 2024

##### 9h00-19h00 Open Session (SOLEIL Amphithéâtre – Central Building)

##### *9h00-9h30: Welcome coffee – (near SOLEIL Amphithéâtre)*

**9h30-10h00: Introduction to cross-cut review and SOLEIL II** (*Amina TALEB-IBRAHIMI – Science Directors*) - (20 min) + questions (10 min)

**10h00-10h30: Introduction and General Overview of the section activity in the field** from the Section Responsibles - (20 min) + questions (10 min)

**10h30-11h15: Electronic Insights on the Catalyst Active Sites:** (*Jean Jacques GALLET - TEMPO + Jean-Pascal RUEFF - GALAXIES*) – results and performances with SOLEIL II - (25 min) + questions (20 min)

**11h15-12h00: Structure Insights on the Catalyst Active Sites: the local order point of view** (*Andrea ZITOLO - SAMBA, Valérie BRIOIS - ROCK, Benedikt LASSALLE - LUCIA*) – results and performances with SOLEIL II - (25 min) + questions (20 min).

##### *12h00 -13h30 Lunch – SOLEIL Restaurant*

**13h30-14h30: Visit of SIXS, TEMPO, ROCK or SAMBA and HERMES beamlines**

**14h30-15h15: Multi-length Scale Imaging of Catalyst at work** (*Stefan STANESCU, Sufal SWARAJ - HERMES, Benedikt LASSALLE - LUCIA, Valérie BRIOIS - ROCK*) – results and performances with SOLEIL II - (25 min) + questions (20 min)

**15h15-16h00: Exploring the Structural Evolution of Catalysts: from Extended Surfaces to Individual Particles** (*Andrea RESTA, Alina VLAD - SIXS*) – results and performances with SOLEIL II - (25 min) + questions (20 min)

##### *16h00-16h20 Coffee break – (near SOLEIL Amphithéâtre)*

**16h20-16h40: Users Prospective Science:** Uta HERJRAL – University of Technology Chalmers (*by videoconference Teams*)- (15 min + 5min)

**16h40-17h00: Users Prospective Science:** Virgile ROUCHON – IFPEN Solaize (*by videoconference Teams*) - (15 min + 5min)

**17h00-17h20: Users Prospective Science:** Heloise TISSOT – UCCS Lille (*by videoconference Teams*) - (15 min + 5min)

**17h20-17h40: Users Prospective Science:** Maria CASAPU – Karlsruhe Institute of Technology on site - (15 min + 5min)

**17h45-18h00:** Towards Dedicated Platforms

**18h00-19h00:** General discussion and questions

**19h15:** Departure for Dinner

## **Cross Cut review «Catalysis for a Greener Planet »**

*Wednesday, March 20<sup>th</sup> & Thursday, March 21<sup>st</sup>, 2024*

### **Day 2 – Thursday, March 21<sup>st</sup>, 2024**

**08h30-12h30: (Room PA1.12 – 1<sup>st</sup> floor - Reception pavilion)**

*(panel members, Scientific Section Responsible, Science Directors)*

**8h30 – 10h00: Closed Session:** Expert Panel Discussion

*10h00 Coffee break – (room PA1.12)*

**10h15 – 11h15: Restricted Open Session:** Discussion with Scientific Section Responsible, scientists involved at SOLEIL in the field and Science Directors

**11h15 – 12h00: Closed Session:** Expert Panel

**12h00-12h30: Panel Conclusions and Recommendations**

*12h30 Lunch- SOLEIL Restaurant*