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France Japan Forum 2025 (JSPS – JST) Energy Transition and Materials

Experiments and multiscale modelling for improved performance and new applications

Program

Monday, November 24, 2025

8:00-8:20 Reception & Welcome Coffee

8:20-9:00 Opening remarks

- French Deans of International Affairs TBD (INSA Lyon and ECL)
- Marie-Pierre FAVRE, CGO, Tohoku University
- Osamu OGATA, Consul, Head of the Consular Office of Japan in Lyon
- Toshiyuki TAKAGI, Director of Japan Society for the Promotion of Science (JSPS) Strasbourg Office

Introductory speeches

- Lucile JOLY-POTTUZ, INSA Lyon and Frédéric GILLOT, ECL
- Gota KIKUGAWA and Hiroshi JINNAI, Tohoku University

Photo session

9:00-10:20 Session 1: Synchrotron and materials

Chairperson: Hiroshi JINNAI, Tohoku University

9:00-9:40 Wataru YASHIRO, Tohoku University

9:40-10:20 Wolfgang LUDWIG, MATEIS

10:20-10:40 Break

10:40-12:00 Session 2: JST session – Energy storage material design

Chairperson: Jean-Yves CAVAILLE, INSA Lyon

10:40-11:20 Chiharu TOKORO, Waseda University

11:20-12:00 Claire VILLEVIEILLE, LEPMI Grenoble

12:00-14:00 Poster Session and Lunch

14:00-15:20 Session 3: Energy conversion

Chairperson: TBD

14:00-14:40 Hiroki KURITA, Tohoku University

14:40-15:20 Jean-Fabien CAPSAL, LGEF, INSA

15:20-15:40 Break

15:40-17:00 Session 4: Mechanism of Energy Dissipation

Chairperson: Gota KIKUGAWA, Tohoku University

15:40-16:20 Laurent CHAZEAU, INSA Lyon

16:20-17:00 Ken NAKAJIMA, Institute of Science Tokyo

17:00-17:20 Closing of the day 1

-Lucile JOLY-POTTUZ, INSA Lyon and Frédéric GILLOT, ECL

-Gota KIKUGAWA and Hiroshi JINNAI, Tohoku University

Tuesday, November 25, 2025

8:30-9:00 Reception & Welcome Coffee

9:00-10:20 Session 5: Tribology / micro, nano / Lubrification

Chairperson: Juliette CAYER BARRIOZ, ECL

9:00-9:40 Takuya KUWAHARA, Osaka Metropolitan University

9:40-10:20 Fabrice DASSENNOY, LTDS, ECL

10:20-10:40 Break

10:40-12:00 Session 6: Energy efficiency and CFD

Chairperson: Tetsuya UCHIMOTO, Tohoku University

10:40-11:20 Yoshiaki ABE, IFS, Tohoku University

11:20-12:00 Louise TOUALBI, Onera

12:00-13:20 Poster Session and Lunch

13:20-14:40 Session 7: Architected Materials

Chairperson: Xavier BOULNAT, MATEIS

13:20-14:00 Makoto WATANABE, NIMS

14:00-14:40 Clémence PETIT, Mines St. Etienne

14:40-15:00 Break

15:00-15:45 Program presentations by French and Japanese agencies

Chairperson: Toshiyuki TAKAGI, JSPS Strasbourg Office

-Edouard BESSERVE, Centre national de la recherche scientifique (CNRS)

-Hirotaka YAMADA, Japan Science and Technology Agency (JST)

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-Natsuki SHODA, Japan Society for the Promotion of Science (JSPS) Strasbourg Office

15:45-17:00 Round table: Materials and Energy Transition

Chairperson: Denis MAZUYER

Panelists: TBD

17:00-17:20 Concluding remarks

-Christophe CORRE, ECL

-Kaoru MARUTA, Director, Institute of Fluid Science, Tohoku University

-Toshiyuki TAKAGI, Director, JSPS Strasbourg Office

Wednesday, November 26, 2025

8:30-9:00 Reception & Welcome Coffee

Lab visits : TBD