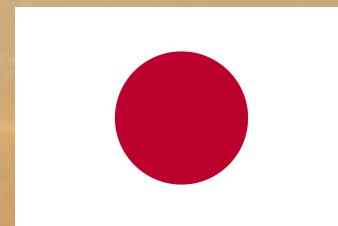
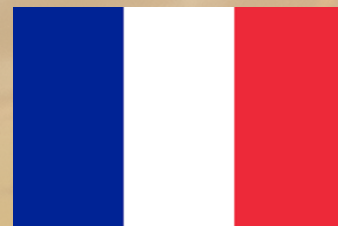


FRANCE-JAPAN WORKSHOP 2018 ON FUNCTIONAL NANOMATERIALS AND SOFT MATERIALS

Organized by: Laboratoire de Physique des Solides, Université de Paris-Sud

Co-organized by: Research Center for Materials and Energy Devices of Fukuoka Institute of Technology (FIT-ME) funded by Strategic Research Foundation Grant-Aided Projects for Private University, MEXT, Japan; Forum on Low-dimensional Photo-functional Materials of Chemical Society of Japan; Research Group of Creation of Innovative Materials using Clay Minerals (The Clay Science Society of Japan); West-Japan Nanosheet Society



NOVEMBER
11-13
2018

Venue:
Lecture Room,
Laboratoire de
Physique des
Solides (LPS),
Université de
Paris-Sud,
France

KEYNOTE LECTURES BY:

- **SASAKI, Takayoshi** (National Institute of Materials Science, Japan)
"Construction of Nano- to Mesosstructures from 2D Oxide and Hydroxide Nanosheets"
- **PENICAUD, Alain** (CRPP Bordeaux, France)
"Exfoliation of Graphite and Carbon Nanotubes : Toward Functional Materials"

INVITED LECTURES BY:

- **MICHOT, Laurent J.** (Université Pierre et Marie Curie, France)
"Adsorption of nucleotides onto clay minerals: Implications for origin of life"
- **DAVIDSON, Patrick** (Université Paris Sud, France)
"Ferromagnetic Co nanorod / liquid-crystalline polymer nanocomposites"
- **PAINEAU, Erwan** (Université Paris Sud, France)
"Self-organization of imogolite nanotubes: recent advances and future trends"
- **MATHIEU Kociak** (Université Paris Sud, France)
"Nanooptics with fast electrons"
- **CONSTANTIN, Doru** (Université Paris Sud, France)
"Phase transition in a colloidal membrane: where is the hexatic phase?"
- **ABECASSIS, Benjamin** (ENS de Lyon, France)
"CdSe Nanoplatelets: stack and twist"
- **IDE, Yusuke** (National Institute of Materials Science, Japan)
"Frontiers in Material Design of Layered Alkali Silicates"
- **BREU, Josef** (Bayreuth University, Germany)
"What is Osmotic Swelling?"
- **MIYAMOTO, Nobuyoshi** (Fukuoka Institute of Technology, Japan)
"Anisotropic Materials of Liquid Crystalline Nanosheet/Polymer Composites"
- **OGAWA, Makoto** (VISTEC, Thailand)
"Surface Modification of Functional Particles by Silica and Titania Coating"
- **KANIE, Kiyoshi** (Tohoku University, Japan)
"Size- and Shape-controlled Liquid Phase Synthesis of Inorganic Nanoparticles and Application to Organic-inorganic Hybrid Liquid-crystalline Materials"

Schedule (tentative)

Nov.11 19:00 Welcome reception
Nov.12 10:30 **Keynote (T. Sasaki)**
12:40 Session 1
15:20 Session 2
20:00 Banquet
Nov.13 9:30 **Keynote (A. Penicaud)**
10:30 Session 3
13:30 Session 4

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Homepage: <http://www.fit.ac.jp/~miyamoto/fr-jp-nano>

The scope of this workshop is to bring together scientists from Japan, France, and other countries, in the fields of nano-materials and soft materials. This workshop will cover the topics on inorganic nanomaterials (layered materials, nanosheets, colloids, porous materials ...), synthetic polymers, liquid crystals, and related techniques such as small-angle scattering and electron microscopy.

