Service for Science & Technology
Embassy of France in Japan

Dr. Sandrine Maximilien, Attachée scientifique
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Summary

I. Our mission & activities

II. France - Japan scientific collaboration – quick overview

III. France – Germany – Japan trilateral collaboration
Our mission

We aim at being an interface between various players, helping them to understand each other in order to facilitate scientific exchanges

- Cross-promotion of French and Japanese science activities and technologies
- Support and development of French-Japanese collaborations in science & technology
# Our activities

## 1. Mobility & collaboration programs

<table>
<thead>
<tr>
<th>Bourses du Gouvernement Français</th>
<th>PROGRAMME EXPLORATION FRANCE</th>
<th>PROGRAMME EXPLORATION JAPAN</th>
<th>PHC Sakura (with JSPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobility direction</td>
<td></td>
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<tr>
<td><img src="flag-fr.png" alt="France" /> ← <img src="flag-jp.png" alt="Japan" /></td>
<td><img src="flag-fr.png" alt="France" /> ← <img src="flag-jp.png" alt="Japan" /></td>
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<td><img src="flag-fr.png" alt="France" /> ← <img src="flag-jp.png" alt="Japan" /></td>
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<tr>
<td>Objective</td>
<td>Enable the mobility of young Japanese students to a French university / laboratory</td>
<td>Initiate new scientific collaborations through short exploratory visit of Japanese researchers in France</td>
<td>Initiate new scientific collaborations through short exploratory visit of France researchers in Japan</td>
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<tr>
<td>Who is it for?</td>
<td>• Bachelor’s students&lt;br&gt;• Master’s students&lt;br&gt;• PhD students</td>
<td>• Researchers / Post-docs</td>
<td>• Researchers / Post-docs</td>
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</tbody>
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[→ Booklet of all funding schemes](#)
Our activities

2. Events

Examples of events organized on digital topics

5G | Big Data | Smart cities | Cybersecurity | AI | HPC
Our activities

3. Market watch
Follow-up of the latest news about Science & Technology policies, R&D strategies and scientific breakthroughs involving Japan stakeholders and/or Japan-French collaborations

4. Other activities
Support all kind of scientific cooperation between French and Japanese counterparts
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France - Japan scientific collaboration

Scientific cooperation through various formats:

- Many existing agreements/MoU between universities/research institutes on student mobility & research partnerships
- France-Japanese joint laboratories in Japan

With CNRS
- With Pasteur Institute
- Innovative Catalysts & Processes for Oxidation Reactions, Biomass Conversion, with Hokkaido U.
- Laboratory for Innovative Key Materials & Structures, with St Gobain K.K., at NIMS – Tsukuba Partnership with industry
- Joint Robotics Laboratory, with AIST - Tsukuba
- 3N-Lab: Nanosciences and Energy for the Future, with NIMS
- Chiral Nanostructures for Photonic Application, with Kyoto U. & Kumanoto U.
- Univ de Kyoto (Vaccinology)
- FJ-HLA – Kyoto Immunology
- France-Japan Magnetic Fusion Lab, with Kyushu U., Osaka U. & Nat. Institute for Fusion Science

Associated teams with INRIA
- ELyTMaX, Engineering & Science Lyon Tohoku joint laboratory, with Tohoku University, Sendai
- Engineering & Science Lyon Tohoku Lab, with Tohoku U.
- Human Protection & Responses to the Disaster, with Doshisha U. & Fukushima U.
- France-Japan Nuclear Structure Problems, with RIKEN
- France-Japan Particle Physics, with KEK, Tsukuba
- Japan-France Laboratory for Informatics, with Tokyo University, Keio University, & Nat. Institute of Informatics
- NextPV (Photovoltaic), with Tokyo U.
- Laboratory of Integrated Micro-Mechatronic Systems, with Tokyo U – 20th anniversary in 2015 Opening to EU partnership (INCOLAB)

With Inserm
With INRA
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AI trilateral symposium
@Toranomon Hills, Tokyo

3rd IRIXYS Summer school on «Transfer Learning»
@Passau

5th Japan-France Cybersecurity workshop
@Kyoto University

Convergence of HPC and Data Science for Future Extreme Scale Intelligent Applications
@Maison Franco-Japonaise, Tokyo

AI for SDGs - How Can AI Help Solving Environmental Challenges?
@German cultural Center, Tokyo

Quality Standards for AI Applications in Healthcare and Joint Database for Medical Data
@German cultural Center, Tokyo

AI trilateral symposium 2nd edition
@Miraikan, Tokyo

Nov/18
Nov/20
Dec/19
Oct/19
June/19
Apr/19
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Nov-18 : 1st France-Germany-Japan trilateral symposium on Artificial Intelligence

- Education
- Mobility
- Medicine
- Ethics and Law
- Work and Labor
- Smart City
- AI Safety

- 360 participants
- 4+ side meetings
  (METI-DFKI+, DFG-JST-ANR, AIST-DFKI...)
- 240,000 impressions on Twitter
- 63 speakers
Nov-18 : 1st France-Germany-Japan trilateral symposium on Artificial Intelligence

➢ Joint statement

“ [...] the participants from the fields of research, funding organizations, policy and industry express their willingness to intensify their future collaboration in AI research and innovation. The cooperation will be carried out in the spirit of shared ethical values for the common good of our societies. [...]”

➢ Joint call for research projects (ANR-DFG-JST)

➢ Deadline : October 25th, 2019
➢ 37 trilateral applications
➢ Projects to be launched in Spring 2020
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November 2018

May 2019

October 2019

December 2019

November 2020

November 2019

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2nd edition in preparation!

November 18th/19th, 2020

Miraikan, Tokyo

J - 377!
Stay tuned

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➢ Any question?

“Digital, Materials and Engineering science” pole

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