

## SYMPOSIUM PROGRAM

8<sup>th</sup> Japanese-French Frontiers of Sciences Symposium  
France - January 23 - 27, 2014

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### Thursday, January 23, 2014

|               |  |                                       |
|---------------|--|---------------------------------------|
| 05:25 - 10:00 | Shuttle bus (group 1) between Frankfurt and Metz   | Japanese participants                 |
| 10:30 - 12:00 | Check in and registration (group 1)  | Japanese participants                 |
| 12:30 - 13:30 | Lunch  | Japanese participants<br>French staff |
| 14:00         | Check in and registration  | French participants                   |
| 14:00 - 18:30 | Shuttle bus (group 2) between Frankfurt and Metz   | Japanese participants                 |
| 17:00 - 18:30 | Session coordination meeting   | PGM, Chairs, Speakers and staffs      |
| 18:30 - 19:00 | Check in and registration (group 2)  | Japanese participants                 |
| 19:00 - 19:30 | <p style="text-align: center;"><b>Opening ceremony</b></p> <p style="text-align: center;">Emmanuelle PLATZGUMMER<br/>Ministry of foreign affairs</p> <p style="text-align: center;">Yoichi NAKATANI<br/>Director, JSPS Strasbourg Office</p> <p style="text-align: center;">Catherine BASTIEN-VENTURA<br/>CNRS</p> <p style="text-align: center;">Hidetoshi SHIMODAIRA &amp; Christelle BAUNEZ<br/>Co-Chairs</p> | All participants                      |
| 19:30 - 21:00 | Welcome dinner   | All participants                      |

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### Friday, January 24, 2014

|               |  |   |
|---------------|--|---|
| 07:00 - 09:00 | Breakfast  | All participants  |
| 9:30 - 10:30  | <p style="text-align: center;"><b>Session I' Chemistry</b><br/><b>Chemistry of "Origins of Life"</b></p> <p style="text-align: center;">PGM: Akiyoshi HISHIKAWA<br/>&amp; Gwénaél RAPENNE</p>  | <p>Chair (Japan)<br/>Tomoaki MATSUURA</p> <p>Speaker (France)<br/>Grégoire DANGER</p> <p>Speaker (Japan)<br/>Taro TOYOTA</p> <p>All participants</p>    |
| 10:30 - 11:30 | General discussion Session I   | All participants  |
| 11:45 - 13:00 | Lunch  | All participants  |
| 13:00 - 14:00 | <p style="text-align: center;"><b>Session II Materials Science</b><br/><b>Graphene, the "miracle material"</b></p> <p style="text-align: center;">PGM: Taro HITOSUGI &amp; Alain FAVE</p>  | <p>Chair (France)<br/>Erik DUJARDIN</p> <p>Speaker (Japan)<br/>Masashi SHIRAIISHI</p> <p>Speaker (France)<br/>Johann CORAUX</p> <p>All participants</p> |
| 14:00 - 15:00 | General discussion Session II  | All participants  |
| 15:00 - 16:00 | Flash Poster Talks (Session I to VII)  | General participants  |
| 16:00 - 17:00 | Poster Session I during coffee break (Session I, II, III)  | All participants  |
| 17:00 - 18:00 | <p style="text-align: center;"><b>Session III Earth Science/Environment</b><br/><b>Earthquakes and Associated Risks</b></p> <p style="text-align: center;">PGM: Katsuyuki YAMASHITA &amp; Pierre BECK</p>  | <p>Chair (Japan)<br/>Aitaro KATO</p> <p>Speaker (France)<br/>Alexandre SCHUBNEL</p> <p>Speaker (Japan)<br/>Hiroyuki GOTO</p> <p>All participants</p>    |
| 18:00 - 19:00 | General discussion Session III   | All participants  |
| 19:30 - 22:00 | <p style="text-align: center;"><b>Cocktail and Gala dinner</b></p> <p style="text-align: center;">Philippe LEROY<br/>President, Moselle Développement</p> <p style="text-align: center;">Raymond NEITER<br/>President ISEETECH</p> <p style="text-align: center;">Shigeo KOYASU<br/>JSPS Advisory Board of FoS Symposium</p> <p style="text-align: center;">Patrick NEDELLEC<br/>International Relations Office CNRS</p> <p style="text-align: center;">Ichiro IKEDA<br/>Scientific counselor Japanese Embassy - TBC</p> | All participants  |

1. For each session there is a 20' presentation from the Chair and 2 x 20' presentations from the Speakers, followed by 1 hour discussion.

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### Saturday, January 25, 2014

|               |  |  |
|---------------|--|--|
| 07:00 - 09:00 | Breakfast  | All participants   |
| 9:00 - 10:00  | <p style="text-align: center;"><b>Session IV Mathematics / Informatics<br/>Bayesian Statistics</b></p> <p style="text-align: center;">PGM: Hidetoshi SHIMODAIRA<br/>&amp; Christophe AMBROISE</p>    | Chair (Japan)<br>Seiya IMOTO<br>Speaker (France)<br>Michael BLUM<br>Speaker (Japan)<br>Toshio OHNISHI<br>All participants                  |
| 10:00 - 11:00 | General discussion Session IV  | All participants   |
| 11:00 - 12:30 | Poster session II during coffee break<br>(Session IV, V, VI, VII)  | All participants   |
| 11:00 - 13:00 | PGM Meeting for the 9 <sup>th</sup> JFFoS (Part 1)   | PGMs and staffs  |
| 12:30 - 13:45 | Lunch  | All participants   |
| 14:00 - 16:15 | Cultural Tour and group photo<br>Visit of the Centre Pompidou - Metz   | All participants   |
| 16:30 - 17:00 | Coffee break   | All participants   |
| 17:00 - 18:00 | <p style="text-align: center;"><b>Session V Physics and Astrophysics<br/>Supersolidity and quantum plasticity</b></p> <p style="text-align: center;">PGM: Satoshi MIHARA &amp; François PÉTRÉLIS</p> | Chair (France)<br>Christophe JOSSERAND<br>Speaker (Japan)<br>Daisuke TAKAHASHI<br>Speaker (France)<br>Christine GUERIN<br>All participants |
| 18:00 - 19:00 | General discussion Session V   | All participants   |
| 19:00 - 20:00 | PGM Meeting for the 9 <sup>th</sup> JFFoS (Part 2)   | PGMs and staffs  |
| 20:00 - 21:30 | Dinner   | All participants   |

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### Sunday, January 26, 2014

|               |   |  |
|---------------|---|--|
| 07:00 - 08:00 | Breakfast <sup>2</sup>  | All participants   |
| 08:00 - 09:00 | <b>Session VI Life / Medical Science</b><br><b>Psychiatric disorders: definitions and treatments</b>  | Chair (France)<br>Véronique DEROCHE-GAMONET                                      |
|               | PGM: Miho OHSUGI & Christelle BAUNEZ  | Speaker (Japan)<br>Hidehiko TAKAHASHI  |
| 09:00 - 10:00 | General discussion session VI   | Speaker (France)<br>Luc MALLET<br>All participants                               |
| 10:00 -10:30  | Coffee Break  | All participants   |
| 10:30 -11:30  | <b>Session VII Social Sciences / Humanities</b><br><b>Happiness</b>   | Speaker (France)<br>Claire ETCHEGARAY  |
|               | PGM : Mayuko SANO & Thierry HOQUET  | Speaker (Japan)<br>Takashi KURATA<br>Speaker (France)<br>Maya BACACHE-BEAUVALLET |
| 11:30 - 12:30 | General discussion session VII  | All participants   |
| 12:30- 13:00  | <b>Closing session</b>  | All participants   |
|               | Marc MELKA<br>Ministry of research<br>Yuko FUJIGAKI<br>JSPS Advisory Board of FoS Symposium<br>Program<br>Hidetoshi SHIMODAIRA & Christelle BAUNEZ<br>Co-Chairs |  |
| 13:00 -14:30  | Farewell Lunch  | All participants   |
| 15:00 - 17:00 | Visit of Metz or free time  | Japanese Participants  |
| 19:00 - 20:30 | Dinner  | Japanese participants<br>and French staff  |
| 20:30         | “Checkout” of Japanese Participants (group 1)<br>because of early departure on Monday 27  | Japanese Participants  |

2. Check out for the French Participants before 12 :00