Universities of Nagoya – Freiburg – Strasbourg
First interdisciplinary and international Summer school

on the topics

“Frontiers, Light, Time”

Strasbourg, France
August 28th - September 2nd, 2016
The University of Strasbourg is willing to host a Summer school for PhD students from the three Universities of Nagoya (Japan), Freiburg (Germany) and Strasbourg (France) August 29 to September 1, 2016. The objective is to unite PhD students from Nagoya, Strasbourg and Freiburg Universities to share common interests on the following topics: Frontiers, Light and Time. The aim is to encourage interdisciplinary and informal discussions to benefit from different scientific, cultural and educational backgrounds. Students would actively contribute, exchange, and ultimately push the frontiers of knowledge while building a hopefully permanent international partnership. About 15 participants from each University are expected to participate, 6 will give a short talk (2 per topic), all others will participate in collective workshops and collective poster presentation on spot. Each participant will bring a poster on its PhD work, described in a didactic way to be understandable by all participants.

The pre-program is displayed on the following pages.

Monday, Tuesday and Thursday will be spent in Strasbourg, and on Wednesday a visit is planned to Freiburg University. Each day is committed to a topic. Participants are expected to refresh ideas, share their expertise and give oral presentations following two schemes.

- Collective poster presentations based on workshops:
  - Frontiers topic: before attending the summer school, participants of each University are invited to exchange on this particular topic and present its conclusions (~20 minutes). There are no boarders to different ideas and contributions to the topic, but this might be the occasion for universities to present their team of scholars + students, in relationship with emerging or disappearing cultural borders in academia.
  - Light and time topics: these sessions will be prepared in Strasbourg (see guidelines in the program) and presented the following days in the "Poster presentations" sessions.

All students by groups of ~10 will participate in the preparation.

- Oral presentations of own individual scientific work:

A time is reserved before the plenary talks for the students to present individually their work on one of the specific themes Time, Frontiers, Light. The interventions will consist of 10 minute-communications followed by discussion. Each University selects 2 speakers on each topic. Particular attention should be paid on the presentations of research activities to make them accessible to a rather wide audience.

Organizing committee at University of Strasbourg:

Vincent Robert, Professor of Chemistry (long-term collaborator of Nagoya University) vrobert@unistra.fr
Christopher Mueller, Immunologist, PI at CNRS, in charge of the International PhD Program from the Excellence Initiative
Catherine Florentz, Professor of Biochemistry, Vice-President for research and Doctoral Education
Program – Summer school 2016
Universities of Nagoya – Freiburg – Strasbourg
August 28th – September 2nd, 2016
“Frontiers, Light, Time”

Sunday, August 28th, 2016
Arrival in Strasbourg
Welcome evening reception at the residence “CIARUS”
Presentation of the participants

Monday, August 29th, 2016
“Frontiers”

09.30-10.30 Poster presentations of the reflections on the topic “Frontiers”
10.30-11.30 Student presentations on “Frontiers” topic
11.30-13.00 Campus Tour (Observatory, Botanic Garden, Library)
13.00-14.15 Lunch (Lunch bags)
14.30-16.00 Plenary Conference: “Frontiers” with Pr. Jean-Marie Lehn (Nobel Prize in Chemistry)
16.00-16.15 Coffee break
16.15-17.30 Workshop “Brighter” (reflections on the next day topic “Light”)
18.00-19.30 Visit of Strasbourg
20.00 Dinner at “Les Brasseurs”

Tuesday, August 30th, 2016
“Light”

09.30-10.30 Poster presentations of the reflections on the topic “Light”
10.30-11.30 Workshop “Back to the future” (reflections on the Friday topic “Time”)
12.00-13.30 Lunch (University restaurant “le 32”)
14.00-15.15 Student presentations on “Light” topic
15.15-15.30 Coffee break
15.30-17.00 Plenary Conference: “Light” with Pr. Claude Cohen-Tannoudji (Nobel Prize in Physics)
17.00-18.30 Scientific poster session
20.00-22.00 Dinner at “Ancienne Douane”
22.15 Sound and Light show at the Cathedral
Wednesday, August 31st, 2016

Visit to Freiburg

Departure to Freiburg (bus)

AM:
Program to be established by University of Freiburg
Including Open student discussion: “being a PhD student in Nagoya, Strasbourg and Freiburg”

Lunch

PM:
Program to be established by University of Freiburg, including Student presentations on “Time” and/or “Light” topic

Return to Strasbourg (bus)

Free evening in Strasbourg

Thursday, September 1st, 2016

“Time”

09.00-10.30 Visit of “Lieu d’Europe”
11.00-12.30 Visit of the European Parliament
13.00-14.00 Lunch (University restaurant “le 32”)
14.30-15.30 Poster presentations of the reflections on the topic “Time”
15.30-16.45 Student presentations on “Time” topic
16.45-17.00 Coffee break
17.00-18.30 Plenary Conference: "Time"
18.30-21.00 Reception at Maison du Japon

Friday, September 2nd, 2016

Departure
Workshop activities: "reflections" and "presentation" guidelines

Workshop activity: objectives

- Participants will spend 1 hour brainstorming in 3 groups (~10 PhD students) during the 'Workshop “Brighter” or “Back to the future”’. They will be asked to create a single poster per group with ideas they expect to discuss the day of the selected topic with their fellows during the poster presentations of the reflections on the topic “Time” or “Light”. The Monday organization is slightly different since participants will be asked to bring their "Frontiers" posters to Strasbourg. Therefore, discussions on this particular topic should take place in advance within each University.
- Professors invited to give the plenary lectures will interact with the 3 groups to stimulate ideas and to generate interactions.
- The visit of the Professors should always start with a quick introduction of each student as an opportunity for participants to remind others who they are and their fields of expertise. The posters will be displayed and debated before the plenary conference.

Workshop practical organization

- Participants will be asked to use a website to produce free posters online and to download them as pdf formats.
- The Monday and Tuesday groups will be created randomly so that participants will have the opportunity to work on the 3 themes and to collaborate with many different participants during the sessions.
- A chairman
  - is in charge of dividing students in groups and accompanying them to the brainstorming area
  - reminds the resources at disposal (https://www.canva.com/create/posters/), provides paper and pens, as well as a printed reminder of theme to be discussed “Light”, “Frontiers” or “Time”.
  - is in charge of accompanying the invited Professors to visit all groups
  - pays attention to a ~20 mn/40 mn distribution to exchange ideas and to subsequently produce the poster