

**Program Period: February 14(Sun.) -26 (Fri.), 2016**

**Venue: Kyoto University, Kyoto, Japan**

**Grant:** Approx. 150,000 JPY

Free accommodation will be provided by Kyoto University.

Source of Funding: Kyoto University President's Discretionary Fund 2015 (Institute for Integrated Cell-Material Sciences [WPI-iCeMS])/Organization for the Promotion of International Relations [OPIR]

### Eligibility:

Doctoral students who are studying in the fields of Natural Sciences at Heidelberg University, Karlsruhe Institute of Technology, Göttingen University

### Capacity:

20 students

### Application/Participation conditions:

- Your supervisor must have already agreed to the visit prior to application.
- Participants must agree to submit a report on your experience and achievements on the program in a specified format via e-mail to the International Education and Student Mobility Division, Kyoto University within two weeks of your return.
- Participants must take out appropriate travel insurance (unlimited coverage for medical and rescue expenses is required).

### Documents to be submitted:

Application forms are available from the administrative office of your faculty/department of affiliation.

1. Form 1 & Form 2
2. Certification of English language proficiency such as TOEFL-iBT, IELTS or equivalent.  
If you don't have any certification of English language proficiency, please ask your supervisor to certify your English level is qualified in communication and understanding lectures.
3. Passport information (photo page).

### Submission of Applications:

Applications must be submitted in a single PDF file with all supporting documents via e-mail to Ms. KAWAI, at [hekksgon@mail2.adm.kyoto-u.ac.jp](mailto:hekksgon@mail2.adm.kyoto-u.ac.jp).

### Preparation and travel arrangements:

- Flight tickets should be arranged by participants.
- Accommodation is arranged by Kyoto University.
- Arrangements for travel (including travel logistics and the obtaining of any official invitation letters etc. that may be necessary) must be made by participants.
- Taking out appropriate travel insurance (unlimited coverage for medical and rescue expenses) is required. Please note that the cost of insurance is not covered by the program, and participants are responsible for bearing the costs of their own insurance.

### Notification of the results:

Applicants will be notified of the outcome by Kyoto University end of December.

### Application Deadline:

~~October 23 (Fri.)~~ **November 30 (Mon.), 2015**

**Inquiry to:** [hekksgon@mail2.adm.kyoto-u.ac.jp](mailto:hekksgon@mail2.adm.kyoto-u.ac.jp)

Ms. KAWAI, International Education and Student Mobility Division, Kyoto Univ.

## Program Outline (tentative)

### Kyoto University Winter School 2016 "From Materials to Life: Multidisciplinary Challenges"

		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Week 1 (Feb. 14-20)	8:45-9:45	Welcome & Orientation	Lecture 3	Lecture 6	Lecture 9	Lecture 12	Making Kyo-gashi (Kyoto Confectionery) & Visiting Sanzenin Temple and Plant Dyeing in Ohara
	9:45-10:45	Lecture 1	Lecture 4	Lecture 7	Lecture 10	Lecture 13	
	11:00-12:00	Lecture 2	Lecture 5	Lecture 8	Lecture 11	Lecture 14	
	13:30-14:30	Safety Guidance	Presentation 1: PhD projects	City Sightseeing	Basic Japanese 2	Institute for Frontier Medical Sciences & CiRA	
	14:30-15:30	Basic Japanese 1			Japanese Calligraphy	Special Lecture 1: The Aesthetics and Sensitivities of the Japanese	
	15:45-16:45	Campus Tour: KU students Welcome Reception (18:00 - 20:00)			Gekkeikan Sake company & Dinner		
Week 2 (Feb. 21-27)	8:45-9:45	Lecture 15	SPIRITS Symposium: Prof. IMAHORI, Hiroshi Prof. TANAKA, Motomu	Lecture 18	Lecture 21	Lecture 24	Departure
	9:45-10:45	Lecture 16		Lecture 19	Lecture 22	Lecture 25	
	11:00-12:00	Lecture 17		Lecture 20	Lecture 23	Lecture 26	
	13:30-14:30	Presentation 2: PhD projects	Lecture & Discussion	Museum & Shimadzu Corporation	Presentation 3: PhD projects	Discussion & Evaluation	
	14:30-15:30		Special Lecture 2: The History of Eastern Thought			Fairwell Party (18:00 - 20:00)	
	15:45-16:45						

The lectures selected from various disciplines will cover the following fields:

- Design of bio-inspired materials with novel functions
- Mathematical modeling of life and complex systems
- Development of new experimental/analytical techniques for life sciences
- Quantitative modeling of diseases and development
- Mechanical principles governing biology: mechanobiology
- New approaches in bio-medical engineering
- Synthetic biology and origin of life

#### About HeKKSaGOn:

The German-Japanese University Consortium HeKKSaGOn was founded in 2010 with the aim of contributing to the advancement of international academic cooperation. The consortium comprises three German and three Japanese universities: Heidelberg University, Karlsruhe Institute of Technology, and Göttingen University in Germany and Kyoto University, Osaka University, and Tohoku University in Japan. Through the consortium, the members organize and operate several diverse academic exchange programs and initiatives.

In 2015, the Global Human Resource Development Program, a program centered on HeKKSaGOn Consortium members, was selected for funding by the Kyoto University President's Discretionary Fund. The HeKKSaGOn Consortium provides support for eight research groups, each focusing on a different multidisciplinary field. Among those eight fields of focus, the Kyoto University President's Discretionary Fund will mainly provide support for the research field of "Life and Natural Science Fusion." The Winter School Program for Doctoral Students is a part of that initiative.

(Form1)



**HeKKSaGOn**  
Heidelberg | Kyoto | Karlsruhe | Sendai | Göttingen | Osaka  
NETWORK OF UNIVERSITIES



KYOTO UNIVERSITY

## APPLICATION FORM FOR DOCTORAL STUDENTS

Photo showing  
your head and face  
  
(4cm X 3cm)  
  
The photo must be  
taken within the last 3  
months.

Please fill out the details below and check  the appropriate boxes.

APPLICANT INFORMATION	
Name in Full(same as your passport)	
Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female
Date of Birth(mm/dd/yyyy)	
Citizenship/Nationality	
Email	
University	
Faculty/Department	
Current Year of Study	
Course of Study/Subject(s)	
Name of Supervisor	
Approval Granted by Supervisor	<input type="checkbox"/> Yes <input type="checkbox"/> No      Supervisor's signature
Contact information in case of emergency	Name: _____ Relationship: _____ E-mail: _____ TEL: _____
English Language Proficiency (Please provide your official English test score. If you don't have any, your English language proficiency must be certified by your supervisor with his/her signature)	<input type="checkbox"/> TOEFL-iBT <input type="checkbox"/> None <input type="checkbox"/> IELTS <b>This is to certify that my student's English language proficiency is</b> <input type="checkbox"/> Other <input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> poor  Signature from your supervisor
Japanese Language Proficiency	<input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> poor
PASSPORT INFORMATION	
Number	
Expiration date	

(Form 2)

**APPLICATION FORM FOR DOCTORAL STUDENTS**

Your name (

)

**Reasons for applying for the Kyoto University Winter School Program (500-1000 words/English)**

Blank area for writing the reasons for applying for the Kyoto University Winter School Program.