

# 8th HOPE Meeting with Nobel Laureates

## 1. Objective

HOPE Meetings are held for excellent graduate students and young researchers specially selected from countries around the Asia-Pacific and Africa region. These meetings give an opportunity for the participants to engage in interdisciplinary discussions with Nobel laureates and other distinguished scientists pioneering the frontiers of knowledge. They also give the participants, who lodge together over the course of the event, a chance to make friends and form collegial networks with peers from the regions. The title “HOPE Meeting” signifies the promise held for the future roles of young researchers and optimism for creating a bright S&T future within the global community.

## 2. Date and Venue

Date: March 7-11, 2016 (Registration: March 6)

Venue: Tsukuba, Japan (tentative)

## 3. Organizer

Japan Society for the Promotion of Science (JSPS)

## 4. Organizing Committee of the HOPE Meetings

### Chair:

Prof. Makoto KOBAYASHI

2008 Nobel Laureate in Physics

Director, Research Center for Science Systems, JSPS

Honorary Professor Emeritus, High Energy Accelerator Research Organization (KEK)

### Members:

Prof. Youichi MURAKAMI, High Energy Accelerator Research Organization (KEK)

Prof. Kenji OHMORI, Institute for Molecular Science (IMS)

Prof. Masanori MURAKAMI, Ritsumeikan University

Prof. Fumio HANAOKA, Gakushuin University

Prof. Keiko NATSUAKI, Tokyo University of Agriculture

Prof. Yousuke TAKAHAMA, The University of Tokushima

## 5. Participants

About 100 doctoral students and young researchers from the following countries/areas:

Australia, Bangladesh, China, Egypt, Kenya, India, Indonesia, Israel, Japan, Korea (R.O.K.), Malaysia, Mongolia, New Zealand, Philippines, Singapore, South Africa, Taiwan, Thailand, Turkey and Vietnam, etc.

### Selection Criteria

Participants are selected based on the following criteria:

- Be a PhD student or young researcher (within 5 years from his/her PhD as of 1 April 2015) with excellent academic performance
- Have not been selected to participate in the past HOPE Meetings
- Be able to provide a high-quality poster presentation related to the subject field in English
- Be recognized for research achievements in the study of his/her research field
- Be fluent enough in English to discuss with speakers
- Have a strong interest not only in his/her own discipline but also in a wide range of fields
- Have respect for diverse cultures, values and ethnicities
- Be able to participate in the entire Meeting program

### **6. Program of the HOPE Meeting**

The program of the HOPE Meeting will feature the following:

- 1) Lectures by Nobel laureates, distinguished researchers and cultural authorities
- 2) Small group discussions with the lecturers (seminar style)
- 3) Poster session including 1 minute oral presentation by each participant
- 4) Oral presentations by multinational student teams
- 5) Cultural program (e.g. culture experience program/concert)
- 6) Excursion (research facilities and historical heritages)



## 7. Cost Sharing

- JSPS will cover the cost of holding the meeting, in-country costs and overseas travel insurance
- Cooperating institutions will cover the international travel expenses of their own participants

## 8. Schedule (tentative)

2015	July	Nomination request
	October 5	Nomination deadline
	Mid November	Notify each country of selection result
	December	Submit registration form
2016	Mid January	Final confirmation of itinerary and submission of abstract
	March 6	Hotel Check-in and Orientation
	March 7 - 11	The 8th HOPE Meeting
	Mid March	Participants submit report
	April -	JSPS sends reports to cooperating institutions

## 9. Nomination Deadline

Nomination Deadline: October 5, 2015



JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE

日本学術振興会

### Contact

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# Outline of the Past HOPE Meetings

## 1st HOPE Meeting

### 1. Date and Venue:

February 25-28, 2008 (Tsukuba, Japan)

### 2. Subjected Fields:

Nanoscience and Nanotechnology

### 3. Lecturers:

Leo ESAKI (Physics, 1973) Chair

Heinrich ROHRER (Physics, 1986)

Robert B. LAUGHLIN (Physics, 1998)

Hideki SHIRAKAWA (Chemistry 2000)

Alan HEEGER (Chemistry, 2000)  
and other distinguished researchers.

### 4. Participants:

81 PhD students and young scientists from the 13 countries/areas in the Asia-Pacific region: Australia, China, India, Indonesia, Japan, Korea (R.O.K.), Malaysia, New Zealand, Philippines, Singapore, Taiwan, Thailand and Vietnam

## 2nd HOPE Meeting

### 1. Date and Venue:

September 28-October 1, 2009 (Hakone, Japan)

### 2. Subjected Field: Chemistry (and related fields)

### 3. Lecturers:

Leo ESAKI (Physics, 1973)

Makoto KOBAYASHI (Physics, 2008)

Yuan Tseh LEE (Chemistry, 1986)

Ryoji NOYORI (Chemistry, 2001) Chair

Koichi TANAKA (Chemistry, 2002)

Peter AGRE (Chemistry, 2003)

Susumu TONEGAWA

(Physiology or Medicine, 1987)

and other distinguished researchers.

### 4. Participants:

100 PhD students and young scientists from the 14 countries/areas in the Asia-Pacific region: Australia, Bangladesh, China, India, Indonesia, Japan, Korea (R.O.K.), Malaysia, New Zealand, Philippines, Singapore, Taiwan, Thailand and Vietnam

## 3rd HOPE Meeting

### 1. Date and Venue:

March 7-11, 2011 (Tokyo, Japan)

### 2. Subjected Field: Physics (and related fields)

### 3. Lecturers:

Leo ESAKI (Physics, 1973),

David J. GROSS (Physics, 2004),

Makoto KOBAYASHI (Physics, 2008) Chair

Toshihide MASKAWA (Physics, 2008)

Richard R. ERNST (Chemistry, 1991)

Hideki SHIRAKAWA (Chemistry, 2000)

Ryoji NOYORI (Chemistry, 2001)

Koichi TANAKA (Chemistry, 2002),

Ada E. YONATH (Chemistry, 2009)

and other distinguished researchers.

### 4. Participants:

99 PhD students and young scientists from the 14 countries/areas in the Asia-Pacific region: Bangladesh, China, India, Indonesia, Israel, Japan, Korea (R.O.K.), Malaysia, New Zealand, Philippines, Singapore, Taiwan, Thailand and Vietnam

## 4th HOPE Meeting

### 1. Date and Venue:

March 7-11, 2012 (Tsukuba, Japan)

### 2. Theme: Chemistry for Creating the Future

### 3. Lecturers:

Leo ESAKI (Physics, 1973)

Makoto KOBAYASHI (Physics, 2008) Chair

John Ernest WALKER (Chemistry, 1997)

Ryoji NOYORI (Chemistry, 2001)

Roderick MACKINNON (Chemistry, 2003)

Akira SUZUKI (Chemistry, 2010)

Ei-ichi NEGISHI (Chemistry, 2010)

Dan SHECHTMAN (Chemistry, 2011),  
and other distinguished researchers.

### 4. Participants:

100 PhD students and young scientists from the 17 countries/areas in the Asia-Pacific and Africa region: Australia, Bangladesh, China, Egypt, India, Indonesia, Israel, Japan, Korea (R.O.K.), Malaysia, Mongolia, New Zealand, Philippines, Singapore, Taiwan, Thailand and Vietnam

## 5th HOPE Meeting

### 1. Date and Venue:

February 26-March 2, 2013 (Tokyo, Japan)

### 2. Subjected Field: Life Sciences (and related fields)

### 3. Lecturers:

Leo ESAKI (Physics, 1973)

Makoto KOBAYASHI (Physics, 2008) **Chair**

Hideki SHIRAKAWA (Chemistry, 2000)

Ryoji NOYORI (Chemistry, 2001)

Aharon Jehuda CIECHANOVER (Chemistry, 2004)

Susumu TONEGAWA

(Physiology or Medicine, 1987)

Mario Renato CAPECCHI

(Physiology or Medicine, 2007)

and other distinguished researchers.

### 4. Participants:

98 PhD students and young scientists from the 16 countries/areas in the Asia-Pacific and Africa region:

Australia, Bangladesh, China, Egypt, India, Indonesia, Israel, Japan, Korea(R.O.K.), Malaysia, New Zealand, Philippines, Singapore, South Africa, Taiwan and Thailand

## 6th HOPE Meeting

### 1. Date and Venue:

March 11-15, 2014 (Tokyo, Japan)

### 2. Subjected Field: Physics, Chemistry, Physiology/Medicine (and related fields)

### 3. Lecturers:

Makoto KOBAYASHI (Physics, 2008) **Chair**

Braian P. SCHMIDT (Physics, 2011)

Hideki SHIRAKAWA (Chemistry, 2000)

Martin CHALFIE (Chemistry, 2008)

Ei-ichi NEGISHI (Chemistry, 2010)

Richard J. ROBERTS

(Physiology or Medicine, 1993)

and other distinguished researchers.

### 4. Participants:

106 PhD students and young scientists from the 19 countries/areas in the Asia-Pacific and Africa region:

Australia, Bangladesh, China, Egypt, India, Indonesia, Israel, Japan, Kenya, Korea(R.O.K.), Malaysia, Mongolia, New Zealand, Philippines, Singapore, South Africa, Taiwan, Thailand and Vietnam

## 7th HOPE Meeting

### 1. Date and Venue:

March 1-5, 2015 (Tokyo, Japan)

### 2. Subjected Field: Physics, Chemistry, Physiology/Medicine (and related fields)

### 3. Lecturers:

Johannes Georg BEDNORZ (Physics, 1987)

Douglas Dean OSHEROFF (Physics, 1996)

Makoto KOBAYASHI (Physics, 2008) **Chair**

Hideki SHIRAKAWA (Chemistry, 2000)

Ei-ichi NEGISHI (Chemistry, 2010)

Dan SHECHTMAN (Chemistry, 2011)

and other distinguished researchers.

### 4. Participants:

97 PhD students and young scientists from the 17 countries/areas in the Asia-Pacific and Africa region:

Australia, Bangladesh, China, Egypt, India, Indonesia, Israel, Japan, Korea(R.O.K.), Malaysia, New Zealand, Philippines, Singapore, Taiwan, Thailand, Turkey and Vietnam