



10th
HOPE MEETING
with Nobel Laureates

Objective

HOPE Meetings are held for excellent graduate students and young researchers specially selected from countries/areas 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.

Date

11-15 March, 2018

- Saturday, 10 March: Orientation & Registration
- Sunday, 11 March: Nobel Prize Dialogue Tokyo 2018

Venue

**Yokohama,
JAPAN**

Organizer

JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE



JSPS

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Organizing Committee of the HOPE Meetings

■ Chair

Makoto Kobayashi <Nobel Laureate in Physics 2008>

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

■ Members

Noriko Osumi

Tohoku University

Mitsuhiko Shionoya

The University of Tokyo

Takaaki Kajita <Nobel Laureate in Physics 2015>

The University of Tokyo

Yousuke Takahama

Tokushima University

Kazuhiro Kosuge

Tohoku University

Fumio Hanaoka

Tsukuba University

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 participant teams
- 5 Cultural experience program
- 6 Excursion (research facilities and historical heritages)



Participants

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

Australia, Bangladesh, China, Egypt, India, Indonesia, Israel, Japan, Kenya, Korea, Malaysia, Mongolia, Myanmar, Nepal, New Zealand, Philippines, Singapore, South Africa, Taiwan, Thailand, Turkey, Vietnam

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 2017) with excellent academic performance
- Have not been selected to participate in the past HOPE Meetings
- Be able to participate in the entire Meeting program
- An excellent record of research and a high interest in the societal influence of scientific knowledge and its utilization
- Strong interest in a wide scope of science and research
- Expectation that the applicant will go on to advance future research in the subject field(s)
- Expectation that by participating in the meeting the applicant will initiate joint research and/or build collegial networks in the future
- A strong desire to participate actively in the meeting exchanges and discussions
- Ample English proficiency to do so

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

Schedule (tentative)

| | | |
|------|----------------|---|
| 2017 | June | Send out nomination requests to cooperating institutions |
| | 29 September | Nomination deadline (for cooperating institutions) |
| | Early December | Notify cooperating institutions of the selection results |
| | Late December | Participants prepare for participation in meeting (1) submit registration forms, photos, abstracts |
| 2018 | Mid-January | (2) confirm travel plans, submit slides for Flash Talks |
| | 10 March | Hotel Check-in and Orientation |
| | 11 - 15 March | 10th HOPE Meeting |
| | Late March | Participants submit reports |
| | April - | Send reports to cooperating institutions |

Nomination Deadline

29 September, 2017

E-mail hope-meetings@jspm.go.jp

1st HOPE Meeting, 2008

Date and Venue:

February 25-28, 2008 (Tsukuba, Japan)

Subjected Fields:

Nanoscience and Nanotechnology

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.

Participants:

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

2nd HOPE Meeting, 2009

Date and Venue:

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

Subjected Field:

Chemistry (and related fields)

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.

Participants:

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

3rd HOPE Meeting, 2011

Date and Venue:

March 7-11, 2011 (Tokyo, Japan)

Subjected Field: Physics (and related fields)**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 Yonath (Chemistry, 2009)
and other distinguished researchers.

Participants:

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

4th HOPE Meeting, 2012

Date and Venue:

March 7-11, 2012 (Tsukuba, Japan)

Theme: Chemistry for Creating the Future**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.

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, Malaysia,

Mongolia, New Zealand, Philippines, Singapore,

Taiwan, Thailand, Vietnam

5th HOPE Meeting, 2013

Date and Venue:

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

Subjected Field:

Life Sciences (and related fields)

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.

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, Malaysia, New

Zealand, Philippines, Singapore, South Africa,

Taiwan, Thailand

6th HOPE Meeting, 2014

Date and Venue:

March 11-15, 2014 (Tokyo, Japan)

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

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,

Malaysia, Mongolia, New Zealand, Philippines,

Singapore, South Africa, Taiwan, Thailand,

Vietnam

7th HOPE Meeting, 2015

Date and Venue:

March 1-5, 2015 (Tokyo, Japan)

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

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.

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, Malaysia,
New Zealand, Philippines, Singapore, Taiwan,
Thailand, Vietnam, Turkey

8th HOPE Meeting, 2016

Date and Venue:

March 7-11, 2016 (Tsukuba, Japan)

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

Lecturers:

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

Serge Haroche (Physics, 2012)

Shuji Nakamura (Physics, 2014)

Jean-Marie Lehn (Chemistry, 1987)

Ada Yonath (Chemistry, 2009)

Barry J. Marshall (Physiology or Medicine,
2005)

and other distinguished researchers.

Participants:

107 PhD students and young scientists
from the **18** countries/areas
in the Asia-Pacific and Africa region:
Australia, Bangladesh, China, Egypt, India,
Indonesia, Israel, Japan, Korea, Malaysia,
New Zealand, Philippines, Singapore,
South Africa, Taiwan, Thailand, Vietnam,
Myanmar

9th HOPE Meeting, 2017

Date and Venue:

February 26-March 2, 2016 (Tokyo, Japan)

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

Lecturers:

Klaus von Klitzing (Physics 1985)

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

Takaaki Kajita (Physics, 2015)

Ryoji Noyori (Chemistry, 2001)

Jean-Pierre Sauvage (Chemistry, 2016)

Edvard I. Moser (Physiology or Medicine, 2014)

and other distinguished researchers.

Participants:

110 PhD students and young scientists
from the **22** countries/areas
in the Asia-Pacific and Africa region:
Australia, Bangladesh, China, Egypt, India,
Indonesia, Israel, Japan, Kenya, Korea,
Malaysia, Mongolia, Myanmar, Nepal,
New Zealand, Philippines, Singapore,
South Africa, Taiwan, Thailand, Turkey,
Vietnam