



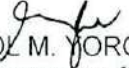
Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

JUN 14 2018

MEMORANDUM

FOR : Heads of DOST Agencies, Regional Offices, DOST-CO Services and Executive Offices

FROM :  CAROL M. YOROBE  
Undersecretary for Scientific and Technical Services

SUBJECT : Invitation to the 11<sup>th</sup> HOPE Meeting with Nobel Laureates

DATE : 11 June 2018

Please be informed that the Japan Society for the Promotion of Science (JSPS) is now accepting applications for the 11<sup>th</sup> HOPE Meeting with Noble Laureates. The meeting will be held in Tokyo, Japan from 4 to 8 March, 2019.

The HOPE meeting provides opportunities for PhD students and postdoctoral researchers from the Asia-Pacific Region to engage in interdisciplinary discussions with Nobel Laureates and other distinguished scientists pioneering the frontiers of knowledge. The main objective is to inspire and motivate the participants to go to greater heights and help shape the future of Asia's science and technology community.

The nomination is open to promising young researchers who obtained his/her PhD in Physics, Chemistry or Physiology/Medicine and related fields (within the 5 years, as of 1 April 2018). Interested parties are requested to submit the accomplished application form together with the following documents to OUSECSTS not later than 31 August 2018:

- 1.) Endorsement form head of agency
- 2.) Copy of curriculum vitae; and
- 3.) Copy of Transcript of Records

Please note that the applicant's CV should highlight his/her publications in international/national/local ISI and non-ISI journals and proceedings as well as presentations in international/national/local for a. The applicant should also have a valid Philippine passport and be ready to travel in case he/she is selected.

For inquiries, you may contact DOST-JSPS Secretariat at tel nos. 837-7494 or 837-2071 loc. 2006 or email them at [dostousecsts@gmail.com](mailto:dostousecsts@gmail.com). For more information about the HOPE meeting, please visit their website <http://www.jps.go.jp/english/e-hope/index.html>

Thank you.

**DOST XI - ORI**

**Received**

Date: 6-14-18  
By: [Signature]

Department of Science and Technology  
Office of the Undersecretary for S&T Services (OUSECSTS)



OUSECSTS-18-00644  
3 June 2018 8:06:40 AM



JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE

日本学術振興会

JSPS/RC-3/18001

4 June, 2018

Hon. Fortunato T. De La Peña  
Secretary, Department of Science and Technology (DOST),  
2nd Floor, DOST Central Office, General Santos Ave.,  
Bicutan, Taguig City 1631 PHILIPPINES

Dear Hon. Fortunato T. De La Peña,

Thank you very much for your support for the Japan Society for the Promotion of Science.

I am writing to ask for your cooperation in nominating candidates for the 11th HOPE Meeting with Nobel Laureates to be held in Okinawa, located in the south of Japan, from 4 through 8 March, 2019. Its organizing committee is chaired by Professor Takaaki Kajita, 2015 Nobel laureate in Physics.

We would like to request you to nominate up to 2 excellent PhD students and/or young researchers who specialize in Physics, Chemistry, Physiology/Medicine, or other related fields. We would appreciate it if you could do your best to balance the number of candidates in each field. We believe that a balanced mixture of participants will enhance the interdisciplinary exchange and thus bring more vigor and fervor to the meeting.

JSPS will cover the costs of the nominees' accommodation, meals, transportation in Okinawa and overseas travel insurance during the term of the meeting. Your institution is requested to cover each nominee's airfare to Okinawa, Japan.

We look forward to receiving your list of nominees along with the application forms by 29 September, 2018.

Thank you again for your cooperation.

Sincerely yours,

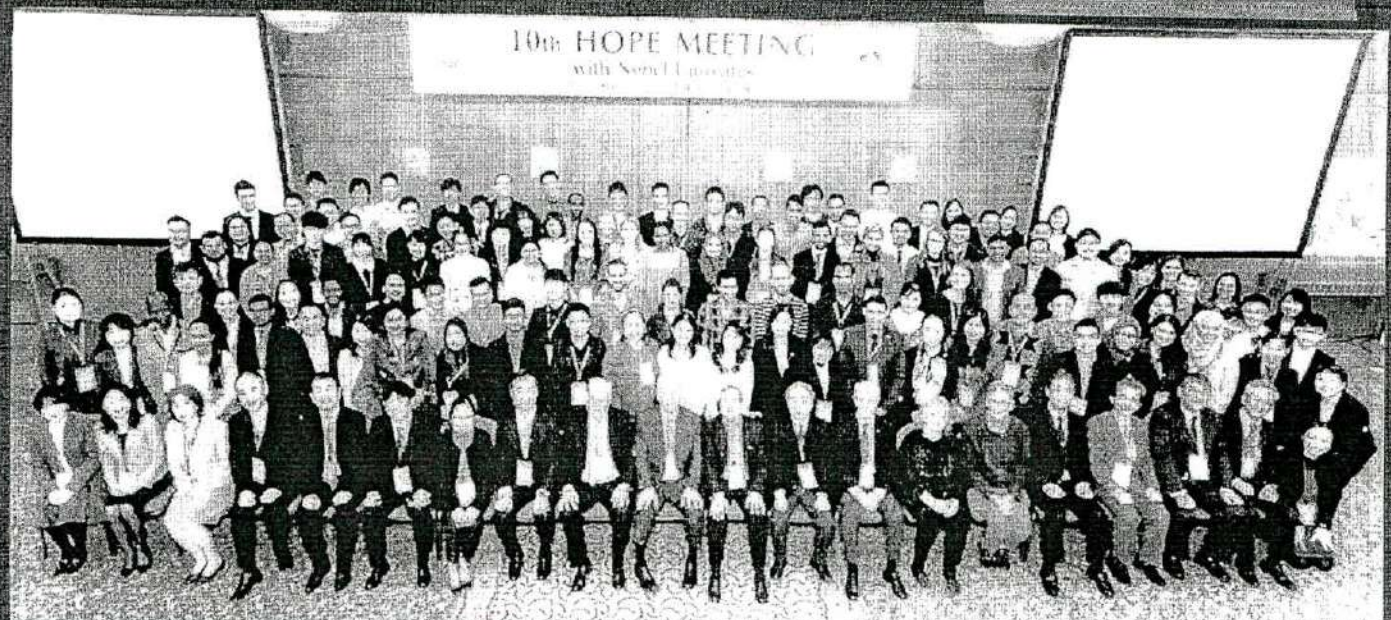
Susumu Satomi  
President  
Japan Society for the Promotion of Science (JSPS)



For Overseas Cooperating Institutions



HOPE MEETINGS  
with Nobel Laureates



11th  
**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

*4-8 March, 2019*

## Venue

**OIST,**  
**Okinawa, JAPAN**

## Organizer

JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE



**JSPS**

Office of the HOPE Meetings, JSPS

**E-mail** [hope-meetings@jsps.go.jp](mailto:hope-meetings@jsps.go.jp)

Tel: +81-3-3263-2414

Fax: +81-3-3234-3700

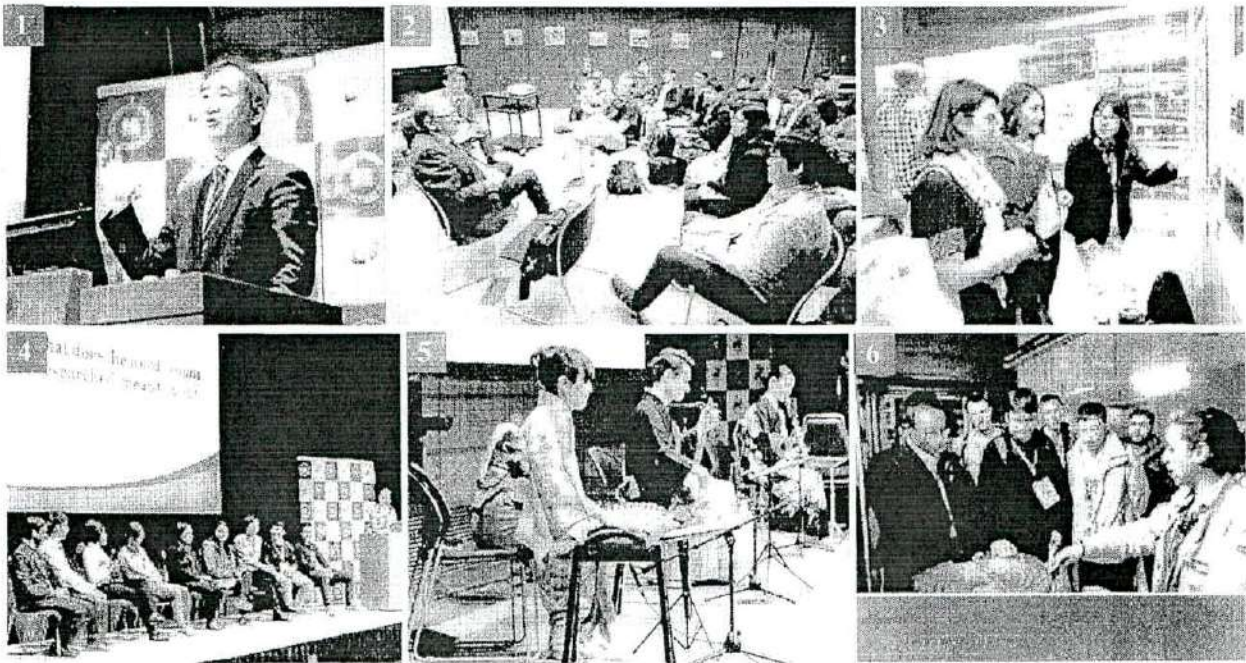




## Program of the HOPE Meeting

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)



Date	AM			PM		
<b>MON,</b> 4 Mar.	Opening Ceremony	Lecture 1	Lecture 2	Group Discussions	Flash Talks	Reception
<b>TUE,</b> 5 Mar.	Lecture 3	Poster Session	Lecture 4	Group Discussions		Preparation for Team Presentations
<b>WED,</b> 6 Mar.	Lecture 5	Poster Session	Group Discussions	Research Facility Visit		Cultural Program
<b>THU,</b> 7 Mar.	Lecture 6	Poster Session	Lecture 7	Group Discussions	Preparation for Team Presentations	
<b>FRI,</b> 8 Mar.	Team Presentations		Closing Ceremony	Site Visits		





## Organizing Committee of the HOPE Meetings

### ■ Chair

**Takaaki Kajita** <Nobel Laureate in Physics 2015>

Director, Institute for Cosmic Ray Research (ICRR)

Special University Professor, The University of Tokyo

### ■ Members

**Toru Iijima**

Nagoya University

**Noriko Osumi**

Tohoku University

**Mitsuhiko Shionoya**

The University of Tokyo

**Hiroyuki Takeda**

The University of Tokyo

**Akira Fujimaki**

Nagoya University

**Minoru Yoshida**

RIKEN / The University of Tokyo

## 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, travel costs in Okinawa\* and overseas travel insurance\*\*
- Cooperating institutions will cover the international travel expenses\*\*\* of their own participants

\* Accommodations at the designated hotel in Okinawa (check-in: 3 March, check-out: 8 or 9 March, 2019), meals (from dinner on 3 March to breakfast on 9 March), transportation between Naha Airport and the hotel/meeting venue.

\*\* Designated travel insurance valid during the meeting period (3 to 9 March).

\*\*\* International airfare to Okinawa, Japan.

## Schedule (tentative)

<b>2018</b>	June	Send out nomination requests to cooperating institutions
	28 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
<b>2019</b>	Mid-January	(2) confirm travel plans, submit slides for Flash Talks
	3 March	Hotel Check-in and Orientation
	4 - 8 March	11th HOPE Meeting
	Mid-March	Participants submit reports
	April -	Send reports to cooperating institutions

**Nomination Deadline**

**28 September, 2018**

E-mail [hope-meetings@jsps.go.jp](mailto:hope-meetings@jsps.go.jp)



## Outline of the Previous HOPE Meetings

### 1st HOPE Meeting, 2008

#### 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.

#### Date and Venue:

February 25-28, 2008 (Tsukuba, Japan)

#### Subjected Fields:

Nanoscience and Nanotechnology

#### 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

#### 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.

#### Date and Venue:

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

#### Subjected Field:

Chemistry (and related fields)

#### 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

#### 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.

#### Date and Venue:

March 7-11, 2011 (Tokyo, Japan)

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

#### 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

#### 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.

#### Date and Venue:

March 7-11, 2012 (Tsukuba, Japan)

#### Theme: Chemistry for Creating the Future

#### 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**

**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.

**Date and Venue:**

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

**Subjected Field:**

Life Sciences (and related fields)

**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**

**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.

**Date and Venue:**

March 11-15, 2014 (Tokyo, Japan)

**Subjected Field:** Physics, Chemistry,

Physiology/Medicine (and related fields)

**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**

**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.

**Date and Venue:**

March 1-5, 2015 (Tokyo, Japan)

**Subjected Field:** Physics, Chemistry,

Physiology/Medicine (and related fields)

**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



## Outline of the Previous HOPE Meetings

HOPE MEETINGS

### 8th HOPE Meeting, 2016

#### 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.

#### Date and Venue:

March 7-11, 2016 (Tsukuba, Japan)

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

#### 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

#### 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.

#### Date and Venue:

February 26-March 2, 2017 (Tokyo, Japan)

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

#### 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

### 10th HOPE Meeting, 2018

#### Lecturers:

J. Georg Bednorz (Physics, 1987)  
Makoto Kobayashi (Physics, 2008) **Chair**  
Takaaki Kajita (Physics, 2015)  
K. Barry Sharpless (Chemistry, 2001)  
Ada Yonath (Chemistry, 2009)  
J. Fraser Stoddart (Chemistry, 2016)  
Tim Hunt (Physiology or Medicine; 2001)  
and other distinguished researchers.

#### Date and Venue:

March 10-15, 2018 (Yokohama, Japan)

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

#### Participants:

**108** PhD students and young scientists  
from the **21** 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