

Press Conference President of JST

November 14, 2017



Japan Science and Technology Agency

The Report of The World Science Forum



Japan Science and Technology Agency

Highlighting the World Science Forum

● World Science Forum (WSF)

WSF is an international conference series for science with only invited participants. Originating from the first World Conference on Science in 1999, which adopted the Budapest Declaration, WSF takes place biennially in Budapest and other cities.

● WSF2017

- Term: November 7 to 11, 2017
- Venue: Dead Sea, Jordan
- Theme: Science for Peace

● Activities of JST members at WSF

□ The President made a speech at the plenary session

The President spoke about “Science for Peace,” the contribution of science to peace including JST’s operations, to the worlds’ science community on behalf of Japan.

Main Speakers: King Hussein Bin Talal of Jordan; Professor Mark Ferguson, Chief Scientific Adviser to the Government of Ireland; HE Ms. Grace Naledi Pandor, Minister, Ministry for Science and Technology, South Africa

□ JST hosted the SDGs Special Session



President Hamaguchi spoke at the Opening Plenary Session.

World Science Forum – WSF (Jordan)



President Hamaguchi had a dialogue with Princess Sumaya



President Hamaguchi gave a speech at the plenary session.



President Hamaguchi at a gender-related session as a speaker.



Mr. Kobayashi, Director, Dpt. of International Affairs, spoke at the SDGs session

Science Centre World Summit (SCWS) 2017



Japan Science and Technology Agency

SCWS2017 will be held in Japan over three days from November 15 to 17, marking the first time it will be held in the Asia-Pacific region, and hosted by the National Museum of Emerging Science and Innovation (Miraikan).

The Science Centre World Summit (SCWS) is a global meeting of professionals of science centers/museums around the world, convened once every three years. Representatives of participating science centers/museums have discussions with scientists and educators as well as other stakeholders in society, including policymakers, over how to create new approaches to global issues and the roles of science centers.

SCWS 2017 Special Session

At the special session held on the first day of the summit, the chair of SCWS, Mohri, outlined the importance of the Tokyo Protocol, an additional action plan that was agreed to by the international science center networks in order to achieve the SDGs. The chairpersons of science centers around the world will present the tasks of their region and discuss how each science center can contribute to SDGs.

November 15, 2017 17:45 to 18:45 PM

Venue: National Museum of Emerging Science and Innovation (Miraikan) Tokyo, Japan

Reception: 17:15- Miraikan 1F Press reception



"Tokyo Protocol" adopted in Portugal

Tokyo Protocol

— Roles of Science Museum to Achieve SDGs —



The Parties to this Protocol:

- **Recalling** the Sustainable Development Goals (SDGs) endorsed by the United Nations (UN) in 2015 that are global in scope and impact;
- **Recognising** that science, technology, engineering and mathematics (STEM) is critical to meet these challenges and that STEM is universally relevant across borders and cultures;
- **Emphasising** that public engagement and action in science and technology are key to achieving the SDGs;
- **Endorsing** the commitments and achievements to date of global, regional and local organisations worldwide to achieve these goals for the benefit of all life forms on the planet. Taking into account that everyone must play a part to meet the challenges addressed by the SDGs and that these will be fulfilled by the actions of individuals in communities throughout the world;
- **Recognising** as well that the rapid pace of change in the world today - scientifically, technologically, demographically and economically - offers both challenges and new opportunities for collective actions to achieve the SDGs;
- **Acknowledging** that nearly 3000 science centres and science museums that influence more than 310 million visitors and participants are deeply committed to raising awareness and helping all members of society to be participants in the solutions achievable to meet these goals for our planet;
- **Expressing** confidence that science centres and science museums are agile institutions responsive to rapid changes and behaving proactively, share the vision on their roles in the ever-changing society;
- **Declaring** that science centres and science museums worldwide are concerned, committed, and prepared to address these increasingly urgent goals.



Science Agola 2017



Japan Science and Technology Agency

Science Agora 2017



Outline of Science Agora 2017

- Date : 24th (Fri), 25th (Sat), 26th (Sun), November
- Venue : Telecom Center Building, Koto-ku, Tokyo
Directly connected to the Telecom Center Station on the Yurikamome Line

【Host】 Japan Science and Technology Agency (JST)

【Co-Host】 Science Council of Japan, RIKEN, AIST, Tokyo Port Terminal Co., NPO Natural Science, IRIDeS, Kobe City, Fukuoka City Science Museum, The Industry-Academia Collaboration Initiative (NPO), Hayakawa Publishing Co., SECOM

【Collaborator】 5 organizations
Fuji Television Network INC., UD Talk, Unity Technologies, KIRIN, Kyoto Institute of Technology- KYOTO Design Lab[D-lab]

【Supporter】 8 organizations
Cabinet Office, MOFA, MEXT, METI, Keidanren (Japan Business Federation), Tokyo Waterfront City Association, The Japan Association of National Universities, Federation of Japanese Private Colleges and Universities Associations

【Partner】 (planned) 5 Organizations
AAAS, CAST, DST, Euro Science, KOFAC

Science Agora 2017

Science Agora is “**a public square connecting science and society, which is open to everyone.**” It connects parties involved in different fields, sectors, generations, and nationalities, and aims to realize “science harmonized with society” and a “society harmonized with science” through dialogue and collaboration while respecting a diversity of values.

Started in 2006, this year marks the 12th Science Agora



Vision and Theme of Science Agora 2017

■ Vision

A future woven through dialogue between science & daily life

- A Future Woven: We want to create a future with harmony like spinning thread
- Through Dialogue: by creating a space where everyone puts their heads together
- Science & Daily life: to think about the future of science and daily life (society).

■ Themes of Science Agora 2017

Beyond the boundaries

- To gain an awareness of the new values of society and solve the diverse issues in modern times, it is not sufficient to harness just one academic discipline and standpoint, or the wisdom of a single generation.
- How should we introduce science and technology into our lives so that every individual can be enriched in mind and spirit? What can science and technology achieve?
- Let's create a space to think about these questions together, across the boundaries of academic discipline, standpoint, country, culture, and generation.

Science Agora 2017

- ◆ Focusing on activities for solving international problems, this is the place to share hopes for the future and issues to tackle with.

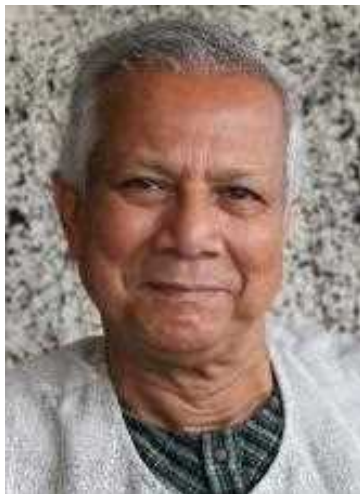
➤ Keynote Lecture

- Dr. Muhammad Yunus, Nobel Peace Prize Laureate
- Prof. Dwikorita Karnawati, Former President of Universitas Gadjah Mada, Indonesia

➤ Keynote Session

Discuss how science and technology respond to solving social issues

→ Promote dialogue by picking up projects tackled through the SDGs



Focus themes
(Keynote session)

Science Agora 2017 Programs for Junior and Senior High School Students

Nov. 24, 25, 26

Exhibition Booth

Let's Try the Science Olympic Questions !

Try answering real questions from the Science Olympics.
Former Olympians will help you to solve the questions.

	10:10~ 11:30	11:40~ 13:00	13:10~ 14:30	14:40~ 16:00
11/25 (Sat.)	Chemistry 	Physics 	Astronomy 	Geography 
11/26 (Sun.)	Mathematics 	Biology 	Information 	

Special gifts for
challengers!



Nov. 25,
Talk Session

High school students & Innovators Talk Session "Road to INNOVATION" ~JST Global Science Campus~

Moderator



You Ogawa
Director, i.club



Yoichi Ochiai
Advisor to President, Tsukuba University; Visiting Prof., Osaka University of Art; Visiting Prof. Digital Hollywood University; Research Director of CREST



Kengo Suzuki
Director, R&D researcher at euglena Co., Ltd.



Emi Tamaki
Associated Prof. Waseda University; Researcher of JST PREST; Founder of H2L

Nov. 25

Talk Session

Asia × Japan - Special Talk Session: High School Students & Overseas Students & Researchers
"Towards the Future of Asia through the Power of Science"

Researchers



Hiroshi Inoue
National Research Institute for Earth Science and Disaster Prevention



Moi Meng Ling
Associate Professor, Nagasaki University

International Students



Elaine Mission
Kumamoto University, Graduate School of Science and Technology



Tran Huu Dat
Teikyo University, Graduate School of Medicine

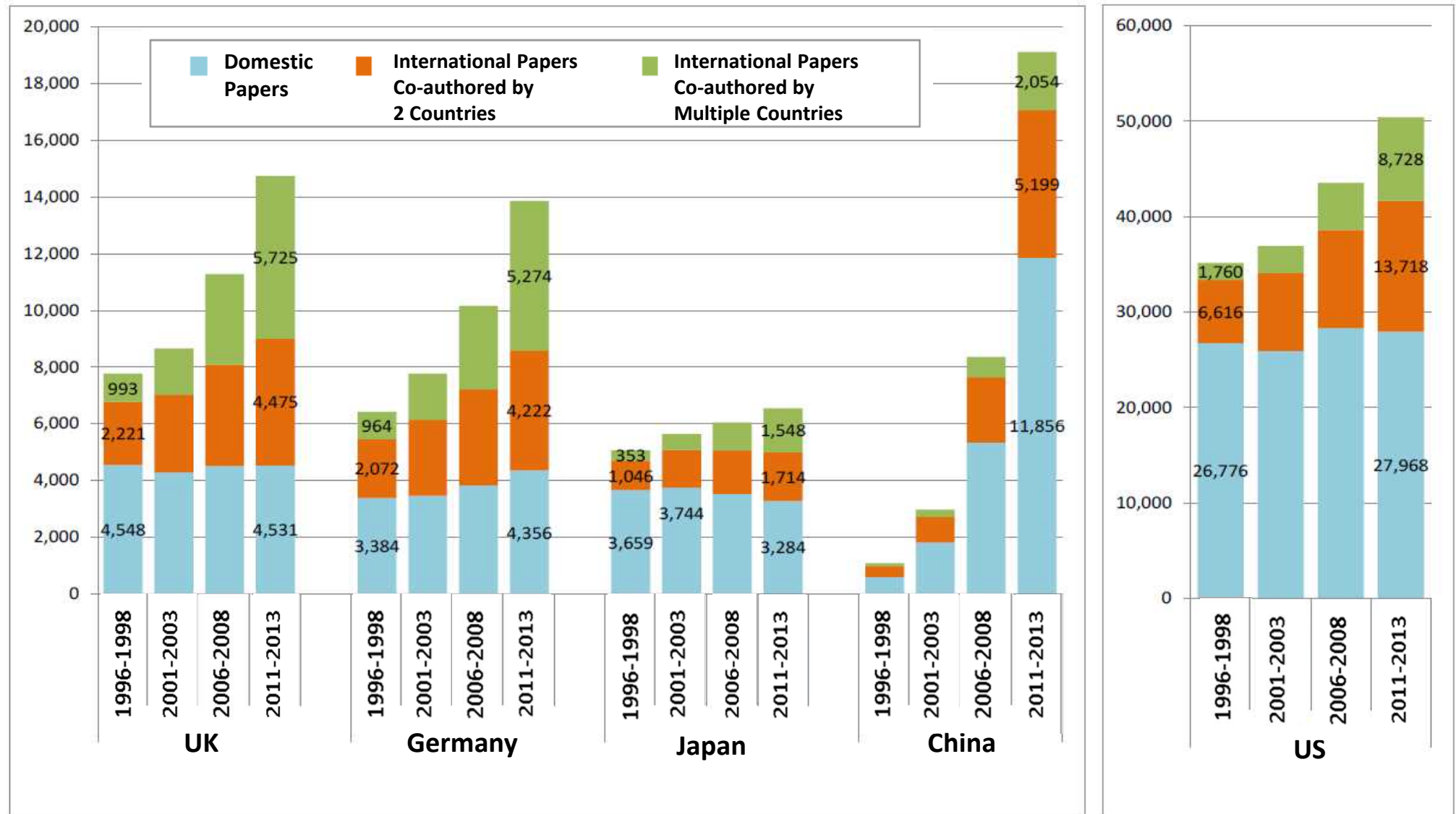


Collaboration with ANR Call for CREST



Japan Science and Technology Agency

International Co-authorship in Top 10% Highly Cited Papers by Major Countries



Source: Processed and produced by JST based on the NISTEP Reference Material 239 "Benchmarking Scientific Research 2015- Bibliometric Analysis on Dynamic Alteration of Research Activity in the World and Japan"

Collaboration with ANR Call for CREST

Supporting collaborative research—Call for CREST in FY2018

Two Research Areas:

- ◆ Creation of an innovative quantum technology platform based on the advanced control of quantum states
(By Yasuhiko Arakawa, Professor/Director of Center for Photonics Electronics Convergence, Institute of Industrial Science, The University of Tokyo)
- ◆ Symbiotic Interaction: Creation and Development of Core Technologies Interfacing Human and Information Environments
(By Kenji Mase, Professor, Nagoya University)

Features:

- Eliminate cumbersome procedures associated with calling and selection.
 - Calling for collaborative proposals based on the scope of CREST research fields, not setting and coordinating a new theme between FA.
 - Selection is held by each program, which will be adopted if it is highly evaluated by both sides. JST supports Japanese research institutions and ANR supports French institutions.
- To be announced to the public soon



President Hamaguchi talked with Frédérique Vidal, the Minister of Higher Education, Research and Innovation at Kyoto, October 2017

ANR: The French National Research Agency

- **L'Agence nationale de la recherche** (The French National Research Agency)
- Established in 2005 as the first independent funding agency in France.
- ANR is a funding organization providing competitive funds for project-based research in all fields; natural science, technology, humanities and social science under the Ministry of Higher Education, Research and Innovation.
- Provides funding to research based on researchers' interests and missions.
- Since 2014, all of the programs are organized by social subjects and its mission-based characteristic as a funding organization has been strengthened.