



**МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ  
РОССИЙСКОЙ ФЕДЕРАЦИИ**  
(МИНОБРНАУКИ РОССИИ)

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06.12.21 № УМН-12/2517

На № \_\_\_\_\_ от \_\_\_\_\_

Руководителям  
научных организаций

Руководителям  
образовательных организаций  
высшего образования

Об организации Японией онлайн  
семинара

МИД России информировало о том, что Япония выступила с инициативой проведения в онлайн-формате на площадке форума «Азия-Европа» (АСЕМ) семинара по тематике международного сотрудничества в сфере науки, технологий и инноваций в контексте борьбы с пандемией COVID-19 (STI for Global Challenges: International Research Collaboration Against the COVID-19 Crisis). Мероприятие состоится 15 декабря 2021 г. 17.00 – 18.55 (время японское). Концепция и предварительная программа прилагаются. Рабочий язык – английский.

К участию приглашаются представители научно-академических кругов, а также аспиранты вузов соответствующего профиля.


Дополнительную информацию по регистрации и участию можно получить на сайте: <https://www.jst.go.jp/world/stichallenges/index.html>

В случае необходимости МИД России готово проработать с японскими организаторами вопрос о включении российских представителей в число докладчиков. Контактное лицо Савенков Алексей Васильевич тел. 8(499)244-36-04, электронная почта: asia-security@mid.ru.

Приложение: на 4 л. в 1 экз.

С уважением,

Заместитель директора Департамента  
международного сотрудничества

 Е.М. Горожанкина

# **Proposal for the workshop “STI for Global Challenges International Research Collaboration Against the COVID-19 Crisis”**

## **1. Workshop Details**

Date: 17:00-18:55 (JST, UTC+9) / 15:00-17:55 (ICT, UTC+7), mid-November or early December 2021 (TBC)

Venue: Online (Zoom Meeting)

Organisers: Japan Science and Technology Agency (JST) and Asia-Europe Foundation (ASEF)(TBC)

Supporters: Ministry of Education, Culture, Sports, Science and Technology (MEXT), Ministry of Foreign Affairs (MOFA), Japan Agency for Medical Research and Development (AMED), UK Research and Innovation (UKRI), German Research Foundation (DFG), French National Agency for Research (ANR), Netherlands Organisation for Science Research (NWO).....(TBC)

## **2. Concept:**

The COVID-19 pandemic is one of the most devastating crises of our times, and there is an urgent need for us to leverage science, technology and innovation (STI) to make our societies more resilient. Because COVID-19 pandemic is too big and complicated to be handled by one single country or academic discipline alone, we also need international and interdisciplinary cooperation.

Our online workshop, held in association with the 13<sup>th</sup> Summit of the Asia-Europe Meeting (ASEM13) in Cambodia, aims to stimulate multiregional cooperation connecting Asia, Europe and the rest of the world. We will promote ASEM's core themes of “multilateralism, growth, sustainable development and prosperity” despite how they have been threatened by the pandemic, and encourage a diverse variety of participants to share research findings and learn from each other's unique experiences in fighting against COVID-19 to ensure those themes.

We believe holding the workshop in association with the 13<sup>th</sup> ASEM - with support of the Asia-Europe Foundation (ASEF) - has great significance in this field, since its concept directly follows the ASEM pillar of “strengthen social, cultural and educational links”. Since it is today's younger generations that will most benefit from these links in the long term, we intend to involve many PhD students and early-career researchers. Such young people will play a leading role in building the resilient society of tomorrow, and we hope this workshop will be an opportunity to gain new perspectives and find partners for future collaborations — while contributing to solve the present common danger of us, COVID-19 pandemic.

For this purpose, we would like to invite researchers from ASEM partners as presenters to share their research outputs and experiences in response to this crisis. We would appreciate nominations of presenters from the public research funders of ASEM partner countries.

### 3. Draft Program of the workshop (TBD)

Time (JST, UTC+9)	Program	
16:45 – 17:00	<b>Workshop Opens</b>	
<b>Opening Session</b>		
<i>MC Ms. IMAZU Sugiko, Deputy Manager, Department of International Affairs, JST (Japan)</i>		
17:00 – 17:03	<b>Opening Remarks</b> <i>Mr. MORIKAWA Toru, Executive Director, Asia-Europe Foundation (ASEF)</i>	
17:03 – 17:06	<b>Opening Remarks</b> <i>Ms. SHIROKIZAWA Yoshiko, Vice President, JST (Japan)</i>	
17:06 – 17:09	<b>Opening Remarks</b>	
17:09 – 17:12	<b>Group Photo</b>	
17:12 – 17:15	<b>Presentation on Plan A and Plan B measures in response to COVID-19 Pandemic</b> <i>Ms. KANEKO Emi, Director, Singapore Office, JST (Japan)</i>	
17:15 – 17:35	<b>Keynote Speech</b> <i>"Challenge to eradicate virus infection with a compact DUV light source"</i> <b>Prof. AMANO Hiroshi</b> , 2014 Nobel Prize Laureate in Physics, Nagoya University	
17:35 – 17:40	<b>Break Out to Concurrent Sessions</b>	
<b>Concurrent Sessions</b>		
< Objectives >		
<ul style="list-style-type: none"> <li>• Showcase Plan A and Plan B projects, respectively.</li> <li>• Facilitate discussions for possible joint research activities.</li> <li>• Prepare observations and recommendations for workshop wrap-up.</li> </ul>		
< Time allocation to each speaker >		
<ul style="list-style-type: none"> <li>• 20 minutes each for presentation (15 min presentation and 5 min Q&amp;A)</li> </ul>		
	<b>Concurrent Session A: Session Chair TBD</b>	<b>Concurrent Session B: Session Chair TBD</b>
17:40 – 17:55	<b>Speaker A-1</b> <i>"Genetics, Immunological and Neurological Long-term Consequences in Prospective COVID-19 Cohort in Thailand, Japan, Philippines and USA"</i> <sup>i</sup>  <b>Prof. Nattiya Hirankarn</b> , Chulalongkorn University (Thailand),	<b>Speaker B-1</b> <i>"Wastewater-informed early warning system to minimize impact of COVID-19 and Disease X(COVID-X)"</i> <sup>iii</sup>  <b>Prof. HARAMOTO Eiji</b> , University of Yamanashi (Japan), <b>Prof. Tjandra Setiadi</b> , Chemical Engineering, Institut Teknologi Bandung (Indonesia), or <b>Dr. The Hung Dang</b> , Laboratory Center, Hanoi University of Public Health (Viet



	<b>Dr. OTSUKA Kunihiro</b> , Tokushima University (Japan) or <b>Dr. Fresthel Mo nica Climacosa</b> , University of the Philippines Manila (Philippines)	Nam)
17:55 – 18:10	<b>Speaker A-2</b> <b>Presentation Title TBC</b> <b>ASEM partner Presenter TBD</b>	<b>Speaker B-2</b> <b>Presentation Title TBC</b> <b>DFG</b>
18:25 – 18:40	<b>Speaker A-3</b> “Research and development on Media literacy and anxiety reduction during Covid-19 pandemic by using Inquiry Based Instruction with Instructional Package for Thailand and Vietnam Undergraduates” <sup>iii</sup>  <b>Dr. Tasanee Satthaphong</b> , Suan Sunandha Rajabhat University (Thailand) or <b>Dr. Tan Dat Nguyen</b> , Can Tho University of Medicine and Pharmacy (Viet Nam)	<b>Speaker B-3</b> “Development of the Integrated Risk Assessment System for the Viral Droplet Infection on a Supercomputer and its Social Implementation” <sup>iv</sup>  <b>Prof. TSUBOKURA Makoto</b> , Kobe University (Japan)
18:25 – 18:40	<b>Speaker A-4</b> “National Online Survey of Children’s Quality of Life and Health in the COVID-19 Pandemic in Japan (CORONA x CODOMO)” <sup>v</sup>  <b>Dr. Polly Waite</b> , University of Oxford (UK) or <b>Dr. MORISAKI Naho</b> , National Center for Child Health and Development (Japan)	<b>Speaker B-4</b> <b>TBC</b> “Data-driven Simulation Games for the Evaluation and Prevention of SARS-CoV-2 Transmission in Indoor Public Spaces and the Impact of Changing Compliance to Distancing Measure” <sup>vi</sup>  <b>Assoc. Prof. Quirine ten Bosch</b> , Wageningen University & Research (Netherlands)
<b>Closing Session</b> <i>MC: Ms. IMAZU Sugiko, Deputy Manager, Department of International Affairs, JST (Japan)</i>		
18:40 – 18:55	<b>Reports on Concurrent Sessions</b> <b>Comments from Co-organisers and supporters of the Workshop (by the alphabetical order by country)</b>  <b>Japan: JST (Mr. Osamu Kobayashi, Director, International Affairs, JST (Japan)</b>  <b>Other Presenters TBD</b>	
<b>End of the Workshop</b>		

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<sup>i</sup> This cooperative research project aims to identify genetics and immunological and neurological long-term consequences of COVID-19 infection by a prospective cohort of COVID-19 affected patients from different genetic and epidemiologic background in Thailand, Japan, and Philippines in parallel to another on-going cohort in United States. This collaboration will shed light on the possible factor(s) that contribute to disease severity and long-term impact in recovered COVID-19 patients.

<sup>ii</sup> This joint research project aims to develop a framework for reducing risks to urban health from novel coronavirus and upcoming pathogens through monitoring wastewater. Through collaborative and complementary teamwork, this research is expected to propose an early warning system applicable to countries and areas with diverse backgrounds.

<sup>iii</sup> The projects conduct survey on tertiary educators and students in Thailand and Vietnam to develop a learning management model using Inquiry Based Instruction to promote media literacy and reduce COVID-19 anxiety.

<sup>iv</sup> The project aims to develop a system for risk assessment of droplets and droplet nuclear infections using supercomputers to prepare for emerging infectious diseases. Furthermore, the project will propose measures to reduce the risk of infection by using this system.

<sup>v</sup> This joint project conducted survey on children and their caretakers to form a longitudinal study consisting of repeated cross-sectional measures. The project will not only lead to academic findings of how a pandemic has negative impacts on children and young people's overall health, what support families need, and how this may vary according to situational factors, but will help both countries identify and implement measures which protect children and young people from deteriorating mental health over time in such a crisis.

<sup>vi</sup> Indoor spaces (restaurants, offices, shops, etc.) play an important role in the spread of SARS-CoV-2. Therefore, compliance with the rules is particularly important in these spaces. In this study, it will be investigated how effective the measures are in reducing the spread of SARS-CoV-2 in indoor spaces if there is a reduced compliance with the rules. The researchers will make use of data from crowd monitoring systems and a simulation game.