



ASIALICS

SEAC
STIPM

South East Asian Conference on
Science, Technology and Innovation
Policy and Management

SPOTLIGHT



VIRTUAL CONFERENCE DAY

205 : 04 : 25 : 47
Days Hours Minutes Seconds

Key Dates

Call for papers	15	March	2021
Deadline for Submission of Abstracts	15	June	2021
Announcement of Accepted Abstracts	30	June	2021
Deadline for full papers	30	August	2021
The 17 th ASIALICS-The 3 rd SEAC-STIPM Virtual Conference	3-5	November	2021

Theme for this year's conference is

Science, Technology and Innovation Policy
for the Sustainable Development Goals (STI Policy for SDGs)

Sub Themes

A number of sub-themes have been identified for the conference, including:

STI Policy

- National Sectoral and Regional Innovation Systems
- Conducive Innovation Ecosystem for Grand Challenges
- STI Policies for Circular Economy and Green Development
- Data Science for Evidence-based Decision Making in STI Policy
- Performance Indicators and STI Governance
- Building ecosystem for entrepreneur and innovation
- Harnessing STI Policies at district level to achieve SDGs

Innovative Activities for Creating SDGs

- Corporate and Industrial Innovation for Industry 4.0
- Start-up and Entrepreneurship toward Global Business
- Innovation and Commercialization for SMEs and Economic Recovery
- Smart Technology Challenges for SDGs
- Grass Root and Social Innovation for Inclusiveness for Poverty and Equality

Technology and R&D Management

- Intellectual properties to promote innovation
- Innovative Financing for R&D and Innovation
- Private, Public, People Partnership to Promote Innovation
- Technological Catching-up under International collaboration
- Managing Human Capital in the Era of Industry 4.0
- Putting Science and STI policy into Practice
- Searching for Inclusive Innovations
- Refocusing STI for Social Economic Objectives/Benefits

Regional & Global Response to Covid-19 Pandemic

- STI Policy for Crisis management
- R&D and Innovation Management
- Indigeneous Knowledge and Technology
- Economic Recovery and STI policies during and after Covid-19 pandemic

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Abstract Submission

There will be a desk reject for abstract submission process. Only research with research findings is eligible for scientific reviewer. All abstract submissions will be reviewed anonymously by reviewers. The reviewers will consider the novelty, academic quality and the paper's relation to the theme of the conference. Only novel and previously unpublished research is eligible for presentation. Submission of a paper grants permission to SEAC-STIPM to publish it on the special issues of Science, Technology and Innovation Policy and Management Journal – STIPM Journal and Asia Journal of Technology Innovation.



Fee

The participation to this conference is free of charge. Participants may register.



THE 17th ASIALICS – THE 3rd SEAC-STIPM CONFERENCE

Introduction

In this year 2021, the 17th ASIALICS and the 3rd SEACSTIPM will be co-hosting “Science, Technology and Innovation Policy for the Sustainable Development Goals” or “STI Policies for SDGs” on November 3rd-5th 2021. As the 17th ASIALICS and the 3rd SEAC-STIPM share the same theme, we believe that the collaboration of both conferences will enhance the strong partnership and build the strength of academics together. We are very fortunate to have such a great group of scholars, practitioners, and policymakers to share and discuss their interesting researches in one event. The three-day virtual conference will include three special panel sessions focusing on (1) Industry 4.0 as the emerging challenge for STI policies, (2) STI policies for SDGs, and (3) STI Policies and Management after Covid-19 Pandemic.

We believe that there is a critical need to highlight the breadth and dynamism of the STI agenda on Sustainable Development Goals (SDGs). The SDGs has underscored a diverse range of potentials for private sector innovation, international technology transfer, enabling research excellence and supporting mass entrepreneurship, etc. Meanwhile, the advent of Industry 4.0 and e-commerce has sparked great interest within the innovation management community. The innovation has compelled government agencies and other public institutions to rethink the laws, regulations, and policies on innovation and sustainable economic development related to a broad range of issues including intellectual property rights, data science security, entrepreneurship ecosystem, and private, public, people partnership to promote innovation. Last but not least, the economic recovery from the COVID-19 crisis has forced the government to revisit its existing policy models and practices. The STI policies need to be more durable and resilient, avoid a return to a “business as usual” pattern of environmentally destructive investment and activities, and also improve the resilience of international production networks.

Our main focus of this joint-conference is to bring together researchers, scholars, and industry participants from around the world to share their experiences and latest research results in all aspects related to innovative activities for creating sustainable economic development, technology and R&D management, and STI policy and management. This conference also provides a platform to build a broadened understanding of innovative STI policy and management toward creating sustainable economic development. In the digital and sharing era, the experience of Several Asian countries in successful technological learning and STI policy implementation for economic development needs to be learned by other countries in Asia as well as around the world. More importantly, there is the need to address the changing landscape of innovation that has become more complex and puzzling after the Covid-19 pandemic. This is the exciting context for the 17th ASIALICS - 3rd SEACSTIPM Conference.

We also welcome empirical and conceptual research that focuses on a wide range of related issues. Please join and enjoy our virtual conference!

ABOUT THE 17TH ASIALICS CONFERENCE

ASIALICS is an association among scholars, practitioners and policymakers who are interested in learning, innovation and competence building system in Asia. ASIALICS aim to explore and develop the concept of learning, innovation and competence building as an analytical framework. The objective of ASIALICS is to stimulate the establishment of knowledge based strategies or economic development in Asia. The idea is to bring together interesting issues about what is going on in Asian countries and companies and to share experiences regarding methodology, analytical results and policies. After the first conference in Bangkok in 2004, consecutive ASIALICS Conferences have been held by partner organizations in various countries.

To achieve this aspiration, a group of Asian scholars from Thailand, Japan, Korea, Taiwan, China and Vietnam with strong support from GLOBELICS held the first international conference on Asian innovation systems in Bangkok on 1-2 April 2004. About 150 professionals who participated in the conference agreed to organize the ASIALICS conference annually, publish a journal and book in Asian innovation system and clusters, and explore possibilities of joint research and training in this field. Asian Journal of Technology Innovation was created in 2004 on the occasion of the conference.

ABOUT THE 3RD SEAC-STIPM CONFERENCE

The purposes of SEAC-STIPM aims to build a regional platform that allows scholars, practitioners and policymakers to share and discuss their interesting issues in the area of science, technology and innovation policy and management (STIPM). The joint effort is to learn from each other about what is going on in South East Asian countries at both government level and company one and to share experiences regarding methodology, analytical results and policies.

To achieve this aspiration, the 1st SEAC-STIPM 2018 was firstly organized in Jakarta, Indonesia on the theme “The Innovation-Driven Transformation of Emerging Economy”. The 2nd SEAC-STIPM 2019 was held in Kuala Lumpur, Malaysia on “Science, Technology and Innovation for Socio-Economic Development”. Due to the Covid-19 Pandemic, the 3rd SEAC-STIPM 2020 in Bangkok, Thailand is postponed to 2021 and will be hosted in the form of virtual conference on theme “Science, Technology and Innovation Policy for the Sustainable Development Goals (STI Policy for SDGs)”. We hope to broaden our international partners and enthusiastically invite other South East Asian countries to join this regional platform, allowing us to discuss and learn from each.



OPENING SESSION



Prof. Bambang P.S. Brodjonegoro

Minister for Research and Technology of Indonesia
Head of National Research and Innovation Agency (BRIN) (Indonesia)



Assoc.Prof.Dr. Suvit Sae Tia

President
King Mongkut's University of Technology Thonburi (Thailand)



Dr. Dudi Hidayat

Director
Research Center for STI Policy and Management, Indonesian Institute
of Sciences (Indonesia)



Asst. Prof. Dr. Santi Charoenpornpattana

Director
Science Technology and Innovation Policy Institute
King Mongkut's University of Technology Thonburi (Thailand)

SPEAKERS

DAY ONE: WEDNESDAY 3rd NOVEMBER 2021

"Industry 4.0 as the emerging challenge for STI policies"



Dr. Sri Mulyani Indrawati

Minister of Finance of Indonesia (Indonesia)
Title : Designing A Collaborative And Innovative Financing Of R & D
Activities To Spur Economic Growth



Prof. Dr. Wang Yi

Vice President, Institutes of Science and Development
Chinese Academy of Sciences / Environmental &Energy Policy (PRC)
Title : Evolution of STI Policy Paradigms Toward Creating Sustainable
Economic Development



Prof. Lim Chaisung

Chairman, Korea Industry 4.0 Association (South Korea)
Title : Frugal and Leapfrogging Strategy for Developing Countries in the
Era of Industry 4.0: Application of Korean Companies' Learning
Approach



Prof. Dr. Atsushi Sunami

Professor
Ocean Policy Research Institute of The Sasakawa Peace Foundation (Japan)
Title : TBA



Prof. Krishnamurthy Ramanathan

Visiting Faculty, The Sydney Graduate School of Management of
The Western Sydney University (Australia)
Title : TBA



Dr. Chia-Meng Chen

Researcher
Industrial Technology Research Institute (ITRI) (Taiwan)
Title : How Taiwan has implemented Industry 4.0

SPEAKERS

DAY TWO: THURSDAY 4th NOVEMBER 2021

“Science, Technology and Innovation Policies for Sustainability Development Goals”



Prof. Dr. Michiko Iizuka

National Graduate Institute for Policy Studies (Japan)
Title : Science, Technology and Innovation (STI) Policies for Sustainability Development Goals (SDGs)



Dr. Marta Pérez Cusó

Economic Affairs Officer
United Nations ESCAP
Title : International Efforts on Science, Technology and Innovation (STI) Policies for Sustainability Development Goals (SDGs)



Dr. Dudi Hidayat

Director
Research Center for STI Policy and Management, Indonesian Institute of Sciences (Indonesia)
Title : Indonesian experiences on STI’s policy for SDGs



Assoc. Prof. Dr. Zeeda Fatimah Binti Mohamad

University of Malaya (Malaysia)
Title : TBA



Dr. Francis Mark A. Quimba

Philippine Institute for Development Studies (Philippines)
Title : TBA



Asst. Prof. Apiwat Ratanawaraha

Chulalongkorn University (Thailand)
Title : TBA



Dr. Bach Tan Sinh

Vietnam Institute of Science, Technology and Innovation (Vietnam)
Title : Vietnam experience in implementing STI policies for SDG in the context of uncertainties

DAY THREE: FRIDAY 5th NOVEMBER 2021

“STI Policies and Management after Covid-19 Pandemic”



Prof. Satryo Soemantri Brodjonegoro

President
The Indonesian Academy of Sciences (Indonesia)
Title : Evidence Based STI Policy and Management Beyond Pandemic



Dr. Pun-Arj Chairatana

Director
National Innovation Agency (Thailand)
Title : New STI policies and practices after Covid-19 pandemic



Prof. Erman Aminullah

Senior Researcher
Indonesian Institute of Sciences (Indonesia)
Title : Exploring STI strategy for long-term economic growth in the post-Covid-19 Pandemic



Prof. Dr. Patarapong Intarakumnerd

Professor
National Graduate Institute for Policy Studies (Japan)
Title : TBA



Prof. Zamri Mohamed

PERDANA Centre for STI Policy, Universiti Teknologi Malaysia (Malaysia)
Title : STI initiatives for post- COVID-19 Malaysia

SCHEDULE

DAY ONE: WEDNESDAY 3rd NOVEMBER 2021

“Industry 4.0 as the emerging challenge for STI policies”

08.30 - 09.00	Registration
09.00 - 09.30	Opening Session <ul style="list-style-type: none">Dr. Dudi Hidayat, Chair of ASIALICS IndonesiaAsst. Prof. Dr. Santi Charoenpornpattana, Chair of SEAC-STIPM Thailand Opening Remark <ul style="list-style-type: none">Prof. Bambang P.S. Brodjonegoro, Minister for Research and Technology of Indonesia/Head of National Research and Innovation Agency (BRIN) (Indonesia)Assoc.Prof.Dr. Suvit Sae Tia, President of King Mongkut’s University of Technology Thonburi (Thailand)
09.30 - 10.00	Keynote Speech <p>Title “Designing a Collaborative and Innovative Financing of R & D Activities to spur Economic Growth”</p> <p>by Dr. Sri Mulyani Indrawati, Minister for Finance of Indonesia (Indonesia)</p>
10.00 - 10.30	Keynote Speech <p>Title “Evolution of STI policy paradigms toward creating sustainable economic development”</p> <p>by Prof. Wang Yi, Vice president Institutes of Science and Development, Chinese Academy of Sciences / Environmental &Energy Policy (PRC)</p>
10.30 - 11.00	Keynote Speech <p>Title “Frugal and leapfrogging strategy for developing countries in the era industry 4.0: application of Koreans companies’ learning approach”</p> <p>by Prof. Lim Chaisung, Chaiman, Korea Industry 4.0 Association (South Korea)</p>
11.00 - 12.30	STI Policy Forum <p>Title “Industry 4.0 as the emerging challenge for STI policies”</p> Moderator <p>- TBA</p> Panelist <p>- Prof. Dr. Atsushi Sunami, President Ocean Policy Research Institute of The Sasakawa Peace Foundation (Japan) Title “TBA”</p> <p>- Prof. Krishnamurthy Ramanathan Visiting Faculty, The Sydney Graduate School of Management of The Western Sydney University (Australia) Title “TBA”</p> <p>- Dr. Chia-Meng Chen, Researcher Industrial Technology Research Institute (ITRI) (Taiwan) Title “How Taiwan has implemented Industry 4.0”</p>
12.30 - 14.00	Lunch Break
14.00 - 16.00	Parallel Sessions

SCHEDULE

DAY TWO: THURSDAY 4th NOVEMBER 2021

“Science, Technology and Innovation Policies for Sustainability Development Goals”

08.30 - 09.00	Registration
09.00 - 09.30	Keynote Speech Title “Science, Technology and Innovation (STI) Policies for Sustainability Development Goals (SDGs)” by Prof. Dr. Michiko Iizuka, Professor National Graduate Institute for Policy Studies (Japan)
09.30 - 10.00	Keynote Speech Title “International Efforts on Science, Technology and Innovation (STI) Policies for Sustainability Development Goals (SDGs)” by Dr. Marta Pérez Cusó, Economic Affairs Officer United Nations ESCAP
10.00 - 10.15	Coffee Break
10.15 - 12.30	STI Policy Forum Title “Sharing of national experiences in implementing STI policies for SDGs” Moderator - Asst. Prof. Dr. Santi Charoenpornpattana, Director Science Technology and Innovation Policy Institute (Thailand) Panelist - Dr. Dudi Hidayat, Director Research Center for STI Policy and Management, Indonesian Institute of Sciences (Indonesia) Title “Indonesian experiences on STI’s policy for SDGs” - Assoc. Prof. Dr. Zeeda Fatimah Binti Mohamad University of Malaya (Malaysia) Title “TBA” - Dr. Francis Mark A. Quimba Philippine Institute for Development Studies (Philippines) Title “TBA” - Asst. Prof. Apiwat Ratanawaraha Chulalongkorn University (Thailand) Title “TBA” - Dr. Bach Tan Sinh Vietnam Institute of Science, Technology and Innovation (Vietnam) Title “Vietnam experience in implementing STI policies for SDG in the context of uncertainties”
12.30 - 14.00	Lunch Break
14.00 - 16.00	Parallel Sessions

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DAY THREE: FRIDAY 5th NOVEMBER 2021

“STI Policies and Management after Covid-19 Pandemic”

08.30 - 09.00	Registration
09.00 - 09.30	Keynote Speech Title “Evidence Based STI Policy and Management Beyond Pandemic” by Prof. Satryo Soemantri Brodjonegoro, President The Indonesian Academy of Sciences (Indonesia)
09.30 - 10.00	Keynote Speech Title “New STI policies and practices after Covid-19 pandemic” by Dr. Pun-Arj Chairatana, Director National Innovation Agency (Thailand)
10.30 - 10.45	Coffee Break
10.45 - 12.30	STI Policy Forum Title “ ASEAN STI policies and management after Covid-19 ” Moderator - Asst. Prof. Dr. Santi Charoenpornpattana, Director Science Technology and Innovation Policy Institute (Thailand) Panelist - Prof. Erman Aminullah, Senior Researcher Indonesian Institute of Sciences (Indonesia) Title “Exploring STI strategy for long-term economic growth in the post-Covid-19 Pandemic” - Prof. Dr. Patarapong Intarakumnerd, Professor National Graduate Institute for Policy Studies (Japan) - Prof. Zamri Mohamed PERDANA Centre for STI Policy, Universiti Teknologi Malaysia (Malaysia) Title “STI initiatives for post- COVID-19 Malaysia”
12.30 - 14.00	Lunch Break
14.00 - 16.00	Parallel Sessions and Closing Session