

STP Comp 2021 Workshop

The 1st International Workshop on Science & Technology Policy for the 4th Industrial Innovation (STP Comp 2021)

CALL FOR PAPERS

Motivation

The importance of science and technology in response to the Fourth Industrial Revolution is increasing. As the importance of science and technology has recently emerged, countries around the world are striving to develop various policies to increase investment in science and technology and make efficient investments. In particular, the demand for science and technology policies for building innovation clusters not only in the central government but also in the regional economy is increasing in Korea. Therefore, we would like to discuss research direction of Science & Technology Policy and share the innovative research results and knowledge about how to solve these issues.

Theme and Purpose

This workshop aims to create opportunities to discuss about Science & Technology Policy, and to share on-going works. This includes the following research areas:

We invite submissions on research areas that include, but are not limited to, the following:

- 1) The 4th Industrial Innovation:
 - The 4th Industrial Revolution is expected to affect technologies such as system change and superintelligence revolution
- 2) Convergence Innovation
 - Breakthrough of new technologies in various fields such as digital-based connectedness and artificial intelligence
- 3) Human Resource Innovation
 - Talent is the core production factor, the source of competitiveness
The core of the 4th industrial revolution is to discover and foster excellent talent, and future talents will lead the development of the 4th industrial revolution as talented people who can actively participate and lead them
- 4) Science-Technology Innovation
 - Technology governance through economies of scale in total/yearly and horizontally by subject

Larger “economy of scale” is required to cover the astronomical investments that are essential to the technological revolution, and a joint venture between companies is underway

PAPER SUBMISSION

All papers must be original and not simultaneously submitted to another journal or conference. Prospective authors are invited to submit their papers, 4 pages, in English according to the IEEE two-column format for conference proceedings. The author list may appear in the paper, but can be omitted if the authors want to. All submissions will be peer-reviewed by the Program Committee of the workshop. All accepted workshop papers will be published in the IEEE Xplore Digital Library as conference proceedings.

The paper templates with formatting instructions can be found at:

- IEEE Conference Microsoft Word Template: [Conference-template-letter.doc](#)
- IEEE Conference Latex Template: [Conference-LaTeX-template_5-8-18.zip](#)

The direct link for paper submission is <https://easychair.org/conferences/?conf=megaai2021>

The camera ready version upload site :

- IEEE CPS site : TBA
- Detailed formatting and submission instructions : <http://www.bigcomputing.org/camera-ready-paper-upload.html>

IMPORTANT DATES

Submission of Workshop Papers : **November 16, 2020**
Notification of Paper Acceptance : November 23, 2020
Camera Ready Submission : December 7, 2020 (strict)
Author Registration : December 14, 2020 (strict)
Workshop : TBA

ORGANIZATION Committee

Organization Committee

- JooYeoun Lee (Ajou University, Korea)
- YoungSeo Song (Ajou University, Korea)
- YoungHa Chang (Sussex University, UK)
- ZHOU Yuan (Tsinghua University, China)
- Kazutoshi Sumiya (Kwansei Gakuin University, Japan)
- Julien Bourgeois (FEMTO-ST, France)
- SungJoo Lee (Ajou University, Korea)
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- KyeChan Park (KIRD, Korea)
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- ManChul Han (KITECH, Korea)
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- YunJong Chang (POSRI, Korea)
- SangKyu Choi (KIMM, Korea)
- ChanGoo Lee (Chungnam National University, Korea)
- ChangKyoung Kim (Hanyang University, Korea)

VENUE

Will be added soon.

PROGRAM

Will be added soon.

CONTACT

All questions about submissions should be emailed to chairs JooYeoun Lee(jooyeoun325@ajou.ac.kr) or YoungSoo Song(drsng4@gmail.com).