

International research workshop on science-based innovation

Objective:

This research workshop focuses on the process of science-based innovation as well as policies for promoting the synergy between the two. It invites Prof. Massimo G. Colombo, Full Professor of Economics of Innovation of Politecnico di Milano to deliver keynote speech, focusing on the role of universities in fostering the birth and growth of new companies. This research workshop also presents the progress of ongoing research from the research project on “knowledge creation process in science” as well as that on university and industry collaborative research.

Working Language: English

Program:

Opening remarks

Yuji Sakakibara, Director General, National Institute of Science and Technology Policy (NISTEP),
Ministry of Education, Culture, Sports, Science and Technology (MEXT)

13:30 - 15:00 Keynote speech “Science and radical innovation: the role of universities in local entrepreneurial systems” (60 min. Presentation/20 min. Q&A)

Chair Yuko Harayama, Council for Science and Technology Policy, Cabinet Office of Japan

Massimo G. Colombo

Full Professor of Economics of Innovation, School of Management Deputy Director for Research,
Politecnico di Milano Department of Management, Economics and Industrial Engineering

15:00 – 16:05 Knowledge Creation Process in Science: Evidence from scientists surveys

Chair René A. Belderbos, Professor of Managerial Economics and Strategy Department of
Managerial Economics, Strategy and Innovation (MSI) University of Leuven

(1) “Contributions of young scholars in team-based scientific research” (25 min. Presentation/10
min. Q&A)

Masatsura Igami, NISTEP

(2) “International collaborations in science, why and how: evidence from scientists’ survey in the
US and Japan” (20 min. Presentation/10 min. Q&A)

Sadao Nagaoka, Institute of Innovation Research, Hitotsubashi University

16:05 – 16:25 Break

**16:25 - 17:30 University and Industry Collaborations: Evidence from the Research Projects
Generating Co-inventions**

Chair Naoki Saito, Deputy Director General, NISTEP

(1) “Research outcome and impact of industry and university collaborations” (25 min.
Presentation/10 min. Q&A)

Mitsuaki Hosono, NISTEP

(2) “Funding mechanism of joint research” (20 min. Presentation/10 min. Q&A)

Shinichi Akaike, Institute of Innovation Research, Hitotsubashi University

Closing Remarks

Sadao Nagaoka, Institute of Innovation Research, Hitotsubashi University

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