

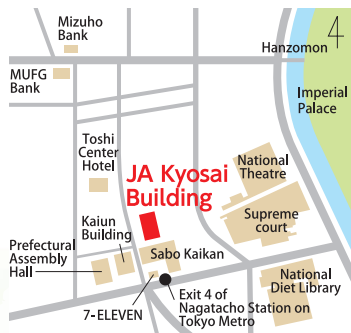
International Symposium on IoP Projects

Current Situation and Future of Agricultural Digital Transformation

February 20, 2023
10:30 - 15:15 (JST, UTC+9)

Venue
JA Kyosai Building, Conference Hall
7-9, Hirakawacho 2-chome, Chiyoda-ku,
Tokyo 102-0093, Japan

It has been five years since the project "Advanced Next-Generation Greenhouse Horticulture by IoP (Internet of Plants)" was launched in Kochi Prefecture as an industry-academia-government collaboration project funded by the Cabinet Office (grant for creation of local universities and regional industries). In this symposium, we will introduce our efforts in research and development, human resource development, and university reform, which are the culmination of the five years of the project, and discuss the "current situation and future of agricultural Digital Transformation(DX)," with the aim of further developing the project by expanding it both domestically and internationally in the future.



Nearest Station

2 minutes walk from Exit 4 of Nagatacho Station on Tokyo Metro Yurakucho Line, Hanzomon Line and Namboku Line.

Parking / Available

Please use public transportation as much as possible, as the number of cars is limited.

Bicycle parking / None

Panel discussion
Current situation and future of agricultural digital transformation

● **Panelist**



Parliamentary Vice-Minister of Digital Transformation
Masanao Ozaki (tentative)



Governor of Kochi Prefecture
Seiji Hamada



National Agriculture and Food Research Organization
Agricultural Information Research Center Deputy Director,
Research Center for Agricultural Information Technology Deputy Director,
Agricultural Robotics Research Center
Noriyuki Murakami



Executive Director,
Central Union of Agricultural Co-operatives (JA Zenchu)
Hideaki Yamada



Project Director,
Executive Director for Regional Collaboration,
International Affairs, Public Relations, Kochi University
Hiroyuki Ukeda



Director,
IoP Collaborative Creation Center,
Kochi University
Masaharu Kitano

Hybrid event※

Capacity
Venue: 300 people
Online: 500 people

〈Free of charge〉

※ You can participate either on-site or online.
Online is available via Zoom webinar.
Simultaneous interpretation available.

■ **Hosts** / Kochi Prefecture, Kochi University ■ **Co-hosts** / University of Kochi, Kochi University of Technology

■ **Sponsors** / National Agriculture and Food Research Organization(NARO), Japan Agricultural Cooperative(JA)Kochi central division, JA Kochi prefecture



Next次世代 Internet of Plants

Application deadline

Venue : February 9, 2023 Online : February 15, 2023

※ See reverse for registration and other details

International Symposium on IoP Projects

Doors open and registration begins at 9:30~

【First part】

10:30~ Opening remarks

President of Kochi University
Katsutoshi Sakurai

10:35~

Challenges of Collaborative creation in the IoP Project

Director, IoP Collaborative Creation Center,
Kochi University Masaharu Kitano

10:45~ Research & development

Speech ①

IoP Project research outcomes on plant physiology and ecology

Project Professor, IoP Collaborative Creation Center,
Kochi University Tadashige Iwao

Speech ②

Local information sharing network and labor savings through recognition, learning, and automation

Professor, Kochi University of Technology Masahiro Fukumoto

Speech ③

Challenge to sustainable greenhouse horticulture

Professor, Kyoto University Taku Fujiwara

Speech ④

The high value-added greenhouse horticulture by focusing on the health benefits of vegetables

Professor, University of Kochi Hiroyuki Watanabe

11:30~ System construction and organizational reform

Speech ①

The future of agribusiness lead by IoP Cloud (SAWACHI)

Superintendent of IoP Promotion, Department of
Agricultural Development, Kochi Prefecture Toshihiro Okabayashi

Speech ②

Efforts of the IoP Collaborative Creation Center at Kochi University

Deputy Director, IoP Collaborative Creation Center,
Vice-President for Regional Collaboration, Kochi University Satoshi Ishizuka

Speech ③

Reorganization of the Faculty of Agriculture and Marine Science at Kochi University

Dean, Faculty of Agriculture and Marine Science,
Kochi University Keisuke Edashige

【Second part】

13:00~

Future developments of the IoP Project

Project Director, Executive Director for Regional Collaboration,
International Affairs, Public Relations, Kochi University Hiroyuki Ukeda

13:15~

Invited lecture ①

Overview of Fraunhofer-Gesellschaft (tentative)

Extended Institute Management and Program Manager Smart Farming,
Fraunhofer IESE. Chair of Digital Farming, Technical University Kaiserslautern.
Prof. Dr.-Ing. Jörg Dörr

Invited lecture ②

Overview of the Faculty of Smart Agriculture and Sustainability, Vietnam-Japan University (tentative)

Faculty Administration, JICA Expert, Vietnam-Japan University.
Assoc. Prof. Dr. Eriko Yasunaga

13:45~ Panel discussion

Current situation and future of agricultural digital transformation

●Facilitator

CEO, INDUSTRIAL-X, Inc. Tomonori Yako

●Panelist

Parliamentary Vice-Minister of
Digital Transformation Masanao Ozaki (tentative)

Governor of Kochi Prefecture Seiji Hamada

National Agriculture and Food Research Organization
Agricultural Information Research Center Deputy Director,
Research Center for Agricultural Information
Technology Deputy Director,
Agricultural Robotics Research Center Noriyuki Murakami

Executive Director, Central Union of
Agricultural Co-operatives (JA Zenchu) Hideaki Yamada

Project Director, Executive Director for Regional Collaboration,
International Affairs, Public Relations, Kochi University Hiroyuki Ukeda

Director, IoP Collaborative Creation Center,
Kochi University Masaharu Kitano

15:00~ General commentary

Senior researcher, Entrepreneurship and Business
Innovation, Wageningen Economic Research. Prof. Dr. Jos Verstegen

15:10~ Closing remarks

Governor of Kochi Prefecture
Seiji Hamada

【Registration】

〈Capacity〉 Venue: 300 people, Online: 500 people

Register from our website at <https://kochi-iop.jp/> or the QR code.

How to attend

① PC

Click on [invitation URL] and follow
the installation instructions.
Zoom app installation is recommended.

※In-browser access (e.g., Chrome, Firefox) is also an option.

② Tablet / Smartphone

Download the Zoom app and click on the invitation URL.
※invitation URL will be sent prior to the event by email.

○ Simultaneous interpretation

Select the language on the Zoom interpretation menu.



【Contact】

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