SXIP Special International Symposium
"Artificial Intelligence for Transformation to Sustainable Society"

Organized by: Yokohama National University and Anna University

Supported by: Embassy of India Tokyo, Japan

Date: Friday, August 30, 2024

Time: 13:00-16:50 JST / 9:30-13:20 IST

Format: Hybrid (in-person and online via Teams)

Venue for in-person attendees:
   Room 101, Building 6, Lecture Hall, Faculty of Education, Yokohama National University

Objective:
The symposium aims to explore the critical role of artificial intelligence (AI) in developing sustainable and resilient solutions to tackle global challenges. By inviting researchers from Yokohama National University and leading Indian universities, the symposium will foster discussions that encourage global collaboration and knowledge exchange in AI's application towards a sustainable future.

Program:

13:00   Opening remarks

AI-1   Leveraging Large Language Models for Natural Language Processing and Addressing Related Issues
13:10–13:35   T. Mori, *Yokohama National University*

AI-2   Procreation of Trending News Using Deep Neural Networks
13:35–14:00   R. Baskaran, *Anna University*

AI-3   Human Sensing and Recognition Model Construction Using AI and Its Applications in Healthcare
14:00–14:25   C. Sugimoto, *Yokohama National University*

AI-4   AI for Smart Sensing Systems
14:25–14:50   K. Govardhan, *Vellore Institute of Technology*

AI-5   Leverage of AI for Weather and Climate Sciences
15:05–15:30   R. Yoshida, *Yokohama National University*

AI-6   Embryonic Quality Assessment using Advanced Deep Learning Architectures utilizing Microscopic Images of Blastocysts
15:30–15:55   P. Varalakshmi, *Anna University*

AI-7   Future Perspectives of AI Applications for Motion Data Analysis in Robotics and Mechatronics
15:55–16:20   T. Shimono, *Yokohama National University*

AI-8   Artificial Intelligence towards Manufacturing Sustainability
16:20–16:45   S. K. Mishra, *Indian Institute of Technology Kanpur*

16:45   Closing remarks

Registration:
Please register for participation at the following link:

https://events.teams.microsoft.com/event/87f7bcf8-30e5-4698-aad9-1230f6e23a60@92adf237-4660-4948-8270-9faaf4857429

Coordinators:
T. Arakawa, *Yokohama National University*
Y. Maeda, *Yokohama National University*

Contact:
T. Arakawa, arakawa-taro-vj@ynu.ac.jp