



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:

Presiders: T. Arakawa and Y. Maeda, , Yokohama National University

13:00 **Opening remarks** T. Arakawa, *Yokohama National University*

Welcome address Y. D. Panwar, *Embassy of India Tokyo, Japan*

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** R. Baskaran, *Anna University*

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>

Chairs:

T. Arakawa, *Yokohama National University*

Y. Maeda, *Yokohama National University*

Contact:

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YNU International Symposium 2024

“Sustainability Transformation (SX)”

開催日時: 2024年 9月4日(水) 13:10~16:00

5日(木) 9:15~15:00

言語: 英語

場所: 4日 横浜国立大学 附属図書館メディアホール

5日 横浜国立大学教育6-101教室

ハイブリッド開催 Teamsアクセス用
URL→



9月4日(水) 1日目

13:10-13:15 開会挨拶

13:15-14:00 招待講演

Dr. Anuradha Jabasingh (アディスアベバ大学)

14:00-16:00 学生ポスターセッション

16:30 交流会

9月5日(木) 2日目

9:15-12:00 招待講演“**The Role of UNESCO Biosphere
Reserves on Blue Carbon Ecosystems**”

Prof. Miguel Clusener Godt

講演(参加校教員による講演)

パンジャブ大学 Prof. Anupama Sharma

VIT Dr. Aslam Abdullah

グリフィス大学 Prof. Alexandr Akimov

UON Dr. Gurwinder Singh

横浜国立大学 横澤公道教授

13:00-15:00 ・SXIP演習報告(国際学生チームによる
グループワークの成果報告(6件))

・協力企業*とファシリテータ教員による講評
(*東レ(株)、野村證券(株))

15:00 閉会

<https://ijep-y.ynu.ac.jp/english/symposium/YNUIS2024/>

*「YOKOHAMA-SXIP」

持続可能な未来社会を創造する
SX(サステナビリティ・トランスフォーメーション)人材を
育成するInternational Programです。



YOKOHAMA-SXIP

Photo of YOKOHAMA-SXIP International Symposium 2023



● 横浜国立大学



YOKOHAMA-SXIPパートナー校



パンジャブ大学



PANJAB UNIVERSITY
Established under the Panjab University Act VII of 1947
- enacted by the Government of India



インド工科大学カンプール校
(IITK)

IIT KANPUR
Indian Institute of Technology Kanpur



アンナ大学

ANNA UNIVERSITY, CHENNAI
அண்ணா பல்கலைக்கழகம், சென்னை



ベロール工科大学
(VIT)

VIT
Vellore Institute of Technology
(Incorporated by the Government of India under section 3 of the I.T. Act, 1956)



ニューカッスル大学
(UON)

Newcastle
University



グリフィス大学

Griffith
UNIVERSITY

主催: 国際戦略推進機構

International Strategy Organization

お問い合わせ

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