Japan April 23-25, 2025

CONFERENCE WEBSITE: https://www.icxs.pwr.edu.pl

## About the Conference

**********

CALL FOR PAPERS

**********

Short name: ICxS 2025
Name: 8th Special Session on Intelligent and Contextual Systems during ACIIDS 2025
Session web site: http://www.icxs.pwr.edu.pl
Date: April 23-25, 2025
Venue: Kitakyushu, Japan
Publication: Springer LNCS/LNAI Series (max 12 pages)
Submission via EasyChair: https://easychair.org/conferences/?conf=aciids2025

**********

IMPORTANT DATES

**********

Submission of papers: 30 November 2024 (to be extended)
Notification of acceptance: 3 February 2025
Camera-ready papers: 17 February 2025
Registration and payment: 17 February 2025

### Important Dates

APR 23

CONFERENCE DATE
**April 23-25, 2025**

Conference: 23-25 April 2025

**********

SCOPE

**********

Context-based machine learning methods,
- Implementations of context-aware algorithms, hybrid and distributed contextual systems,
- Neural networks for aware and contextual systems,
- Intelligent environments and sensor networks,
- Contextual data analysis in bioinformatics, genome sequencing and toxicology,
- Context sensitive text, sound, image and scene processing,
- Contextual Embedding models and Generative AI systems,
- Contextual programming and modeling of living processing systems,
- Ontology based models and frameworks for contextual methods,
- Computational awareness theory,
- Using context and awareness in robots, transportation, assistive and medical systems,
- Contextual neural aggregation functions,
- Selective attention, perception and tasks scheduling,
- Recognition and control of the context during communication (e.g. web chatter bots),
- Context aware reasoning and languages (rule-based, markup-based, other),
- Analyzing, tracking and understanding context of text and multimedia sources,
- Context aware services in data medicine, engineering, society, business, science, etc.

**********
SUBMISSION DETAILS
**********
All contributions should be original and not published elsewhere or intended to be published during the review period.

Submitted papers should be prepared in English in LNCS/LNAI style and should not exceed 12 pages.

Each paper is to be submitted electronically as a single PDF file through EasyChair at: https://easychair.org/conferences/?conf=aciids2025
To submit a paper please activate the above link and select the track: ICxS 2025: Special Session on Intelligent and Contextual Systems

All accepted papers must be presented by one of the authors who must register for the conference and pay the fee.

The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed in Clarivate Web of Science, EI Compendex, ACM Digital Library, dblp, Google Scholar, Scopus, etc.).

A selected number of accepted and personally presented papers will be expanded and revised for possible inclusion in special issues in high quality scientific journals.

The ICxS 2025 Program Committee will additionally confer the "ICxS 2025 Best Paper Award" for the outstanding contribution to

research in contextual processing.

**********

CHAIRS & ORGANIZERS

**********

Łukasz Łaczmański, Polish Academy of Sciences, Poland
Keun Ho Ryu, Chungbuk National University, Korea
Goutam Chakraborty, Iwate Prefectural University, Japan
Tetsuji Kuboyama, Gakushiun University, Japan
Chao-Chun Chen, National Cheng Kung University, Taiwan
Rashmi Dutta Baruah, Indian Institute of Technology Guwahati, India
Maciej Huk, Wroclaw University of Science and Technology, Poland

**********

CONTACT

**********

Organizational issues: icxs@pwr.edu.pl
General requests: maciej.huk@pwr.edu.pl

**TOPICS OF INTEREST** 2 topics

Research papers are invited in, but not limited to, the following areas:

- Uncategorized
- Artificial Intelligence & Machine Learning