



APAN56 Conference (APAN56Conf) Call For Papers (CFP)

<https://apan56.apan.net/conf>

“Artificial Intelligence (AI) and High Performance Computing (HPC): Better Together”

24-25 August 2023, Colombo, Sri Lanka (Hybrid - part of APAN56 meeting)

Original contributions are sought in topics related to Artificial Intelligence (AI) and High Performance Computing (HPC). The conference is expected to bring together researchers, practitioners and policymakers from the Asia Pacific economies.

Topics may include but not be limited to:

- AI in modeling and simulation
- AI and Policies
- AI in scheduling and optimization
- Automotive control systems
- Biological/molecular computing
- Cloud computing
- Collaborative environments
- Computer communication networks
- Computer vision
- Data mining
- Data science
- Database applications
- Distributed systems and applications
- Embedded systems
- Ethics and Policies of AI
- Fuzzy control and intelligent systems
- Grid and cluster computing
- Instrumentation systems
- Intelligent control
- Languages and compilers for HPC
- Machine learning
- Man-machine Interactions
- Mobile computing and wireless communications
- Parallel and distributed algorithms
- Parallel and distributed software technologies
- Parallel and distributed system architectures
- Peer-to-peer computing
- Pervasive/ubiquitous computing and intelligence
- Secure and reliable systems
- System engineering theory and practice
- Telecommunications
- Tools and environments for software development

IMPORTANT DATES

Paper submission: ~~07 May 2023~~
28 May 2023 (Final Deadline)
Notification of acceptance: 03 July 2023
Camera ready papers: 16 July 2023
Conference registration: 15 Aug 2023
Conference: 24-25 Aug 2023

CONFERENCE CHAIRS

Susumu Date, Osaka University, Japan
Damayanthi Herath, Uni. of Peradeniya, Sri Lanka
Upul Jayasinghe, Uni. of Peradeniya, Sri Lanka
Vijaykrishnan Narayanan, PennState, USA
Roshan Ragel, Uni. of Peradeniya, Sri Lanka
Jilong Wang, Tsinghua University, China

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GUIDELINES AND INSTRUCTIONS

Manuscript should be submitted as a single PDF (full 12 pages, short 6 pages), following [LNAI format](#) through EDAS at <https://edas.info/N30970>

It is planned to publish the proceedings with Springer in their Communications in Computer and Information Science series (final approval pending).

APAN fellowships and other local scholarships will be made available for authors of accepted papers to join APAN56 and present their papers.

ORGANIZERS



in collaboration with

University of Peradeniya