

# PCDS



A WHOLLY OWNED ENTITY OF  
THE UNIVERSITY OF NEWCASTLE



## 2024 the 1<sup>st</sup> International Symposium on Parallel Computing and Distributed Systems

Sept. 21-22, 2024 Singapore



[www.pcds.cc](http://www.pcds.cc)

It's our pleasure to welcome you all to PCDS2024 that will be held on September 21-22, 2024 in Singapore. The conference is mainly addressed to academic, experts, researchers, engineers with the aim to promote and diffuse the concept of the modeling, design, analysis, evaluation, and programming of future parallel and distributed computing systems and applications.

The conference aims at attracting international experts, academics and companies to allow exchanges of experiences and best practices among different regions, countries and continents. PCDS2024 will feature keynote addresses by experts from both academia and industries, who will share, discuss, and dissect significant latest developments and scientific advancements related to the computer science.

### Topic of Interests

The topic includes, but is not limited to :

- T1: Algorithms and Models for Parallel Computing and Distributed Systems
- T2: Architectures and Tools for Parallel Computing and Distributed Systems
- T3: Security & Privacy
- T4: High-Performance Computing and Communications
- T5: Technologies for Supporting Computing Continuum
- T6: Blockchain & DLT

More information please check the web:

<https://www.pcds.cc/rc/html>

### Industrial Track

The PCDS2024 has proven to be a fertile ground for industrial research, and companies from small to large, from brand new to long established, are making an ongoing impact on the state of the art in science and engineering. The Industrial Track welcomes contributions showcasing original results obtained in an industrial environment, having clear industry relevance, and highlighting new research challenges motivated by practical tasks and practical settings. The Industry Track is distinct from the Research Track in that submissions focus on applied work describing e.g. the implementation of a system, the acquisition of data, or the application of a methodology, that solves a significant real-world problem and demonstrates benefits as well as impact. Submissions must clearly describe how their work has been deployed or released, and for how long.

Each submission must include at least one author with a non-academic affiliation.

### Submission Guidelines

1. Open conference submission system  
<http://pcds.cc/openconf/openconf.php>
2. Email: [cfp@pcds.cc](mailto:cfp@pcds.cc).

### Publication

As an official conference supported by IEEE, PCDS2024 has been listed on the official website of IEEE with the ID 61776.

All accepted papers after proper registration and presentation will be included in PCDS Conference Proceedings which will be submitted to IEEE Xplore. The proceedings will be reviewed by the IEEE Conference Publication Program for IEEE Xplore, Ei Compendex and Scopus.

### Important Dates

Submission Deadline: July 15, 2024  
Notification Date: August 15, 2024  
Registration Deadline: See the registration form  
Conference Date: September 21-22, 2024

### Organizing Committees

#### General Chair

Prof. Dato' Dr Shamala Subamaniam, Universiti Putra Malaysia, Malaysia

#### Program Committee Chair

Assoc. Prof. Chee Wei Tan, Nanyang Technological University, Singapore

#### Program Committee Co-Chair

Assoc. Prof. Elankovan A. Sundararajan, Universiti Kebangsaan Malaysia, Malaysia

#### Technical Program Committee Chairs

Prof. Sunggu Lee, Pohang University of Science and Technology, South Korea

Prof. Yang Yue, Xi'an Jiaotong University, China

#### Publicity Chairs

Dr. Edward Chuah, University of Aberdeen, UK

Asst. Prof. Gaolei Li, Shanghai Jiao Tong University, China

Asst. Prof. Shuhao Zhang, Singapore University of Technology and Design, Singapore

#### Local Chair

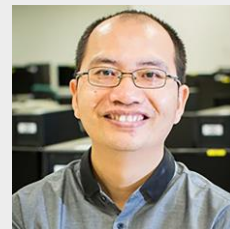
Dr. Teo Tee Hui, Singapore University of Technology and Design, Singapore

#### Local Co-Chairs

Dr. Yit Yan Koh, Newcastle Australia Institute of Higher Education, Singapore

Dr. Chiang Liang Kok, Newcastle Australia Institute of Higher Education, Singapore

### Keynote Speakers



**Prof. Bingsheng He**

National University of  
Singapore, Singapore



**Prof. Noor Zaman Jhanjhi**

Taylor's University,  
Malaysia



**Prof. Pascal Lorenz**

University of Haute-  
Alsace, France

### Contact

If you have any question or need any assistance regarding the conference, please feel free to contact our conference secretary: Gianna

Email: [cfp@pcds.cc](mailto:cfp@pcds.cc)

WeChat: spec-SCI\_EI

