



CALL FOR PAPERS

28th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing

(IEEE/ACIS SNPD 2024)

4-6 December 2024, Taichung, Taiwan

<http://www.acisinternational.org/snpd2024/>

Sponsored by IEEE and ACIS, USA.

In Cooperation with National Chin-Yi

University of Technology, Taiwan



Important Dates

Workshop/Special session proposal:	16 June, 2024
Workshop/Special session acceptance notification:	30 June, 2024
Full/Poster Paper submission:	4 September, 2024 4 October, 2024
Acceptance notification:	18 September, 2024 21 October, 2024
Registration & camera-ready papers:	1 October, 2024 4 November, 2024
Conference Dates:	4-6 December, 2024

The 28th IEEE/ACIS International Winter Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD2024-Winter) brings together researchers, scientists, engineers, industry practitioners, and students to discuss, encourage and exchange new ideas, research results, and experiences on all aspects of computer and information science. SNPD2024-Winter aims to facilitate cross-fertilizations among the key technology enabling areas and is soliciting papers in these areas:

TRACK 1: Computer software Engineering

- Software development life cycle
- Agile development methods
- Testing, and quality assurance
- Information Security
- Digital Right and Watermarking
- Digital Content and Web Service

TRACK 2: Artificial Intelligence and Machine Learning

- AI Image Classification, Processing and Applications
- AI applications in various areas
- Natural language processing
- Machine vision
- Deep learning
- AI applications in software automation
- Improved intelligent systems

TRACK 3: Networking and Communication Technologies

- Network protocols
- Network security
- Sensors network
- Embedded networked sensors
- Internet of Things (IoT)
- Cloud computing
- Communication mechanisms in distributed systems

TRACK 4: Parallel and Distributed Computing

- Distributed system architectures
- Multi-core processing
- Parallel computing in cloud environments
- Parallel algorithms and their implementation
- Data-intensive platforms and applications
- Parallel processing in graph and irregular applications
- Performance analysis in parallel applications

TRACK 5: Software Engineering and Human-Computer Interaction

- Human-computer interaction
- User-centric design
- User experience (UX)
- User interface (UI) development
- Big data processing
- Software tools and environments

TRACK 6: Digital signal processing and applications

- Signal processing theory and algorithms
- Audio and speech processing
- Sonar, radar and other sensor array processing,
- Digital image processing,
- Data compression, video coding, audio coding,
- Image compression
- Signal processing for telecommunications

TRACK 7: System integration and control

- Control system
- Automation
- Robotics and control
- Fuzzy Systems
- Embedded Systems
- Microprocessor applications in IoT

IEEE/ACIS SNPD 2024 Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by EI, INSPEC, and DBLP

Conference officers will select outstanding papers for publication in the following journals (www.acisinternational.org):

- *International Journal of Networked and Distributed Computing (IJNDC), Paris, France*
- *International Journal of Software Innovation (IJSI), IGI Global, U.S.A.*
- *International Journal of Big Data Intelligence and Applications (IJBDA), IGI Global, U.S.A.*
- *Studies in Computational Intelligence(SCI), Springer, Germany*

Best Paper Award and Best Student Paper Awards will be conferred at the conference (in order to qualify for the award, the paper must be presented at the conference.)

Organizing Committee

General Chair:

Wen-Yuan Chen, National Chin-Yi University of Technology, Taiwan

Conference Chair:

Shu-Ching Chen, Florida International University, USA

Win-Jet Luo, National Chin-Yi University of Technology, Taiwan. Email: wjluo@ncut.edu.tw

Sheng-Chih Yang, National Chin-Yi University of Technology, Taiwan. Email: scyang@ncut.edu.tw

Program Chair:

Masahide Nakamura, Kobe University, Email: masa-n@people.kobe-u.ac.jp

Huber Nieto-Chaupis, Universidad Autónoma del Perú, Email: huber.nieto@autonoma.pe

Hsiung-Cheng Lin, National Chin-Yi University of Technology, Taiwan. Email: hclin@ncut.edu.tw

Registration Co-Chair:

Chuin-Mu Wang, National Chin-Yi University of Technology, Taiwan

Ruey-Maw Chen, National Chin-Yi University of Technology, Taiwan

Local Arrangements Chair:

Chia-Chen Lin, National Chin-Yi University of Technology, Taiwan. E-mail : ally.cclin@ncut.edu.tw

Jun-Juh Yan, National Chin-Yi University of Technology, Taiwan. E-mail : jjyan@ncut.edu.tw

Publicity Co-Chairs:

Ing.habil.Roland Stenzel, Dresden University of Applied Sciences, Germany. Email: roland.stenzel@htw-dresden.de

Mei-Ling Shyu, University of Miami, USA. Email: shyu@miami.edu

Mei Wang, Xi'an University of Science and Technology, China. Email: wangm@xust.edu.cn

Narayan C. Debnath, Eastern International University, Vietnam. Email: narayan.debnath@eiu.edu.vn

Trung Pham, University of Talca, Chile. Email: pham.trung@sbcglobal.net

Vincent CS Lee, Monash University, Australia. Email: Vincent.CS.Lee@monash.edu

Ming-Yi Tsai, National Chin-Yi University of Technology, Taiwan. Email:mytsai@ncut.edu.tw

Sheng-Chih Yang, National Chin-Yi University of Technology, Taiwan. Email:scyang@ncut.edu.tw

Finance Chair:

Hsin-Chiang You, National Chin-Yi University of Technology, Taiwan

Publication Chair:

Worajit (Sai) Setthapun, Chiang Mai Rajabhat University, Thailand