ICACS
Call for Paper

The 7th International Conference on Algorithms, Computing and Systems (ICACS 2023) will take place at the Department of Digital Systems, the University of Thessaly, Larissa, Greece during **October 19-21, 2023**. ICACS 2023 is hosted by the **Department of Digital Systems of the University of Thessaly** which is located in the beautiful and historic town of Larissa in Greece.

CALL FOR PAPERS

- **Algorithm**
- Ant colony algorithm
- Embarrassingly parallel problem
- Emergent algorithm
- Fast Fourier transform
- Graph exploration algorithm
- Lock-free and wait-free algorithms
- Pseudorandom number generator
- Stable algorithm (disambiguation)
- Super-recursive algorithm
- Competitive analysis
- Computability theory
- Las Vegas algorithm
- Lock-free and wait-free algorithms
- Randomized algorithm
- Tree search algorithm

- **Computing & Systems**
- Activity-based computing
- Artificial and Computational Intelligence
- Big data-oriented computing
- Human-centered computing
- Optical computing
- Real-Time and Distributed Computing
- Computer Resource Management
- Computing high speed sensing data
- Control Systems
- Data intensive computing
- Database Systems
- Dependable computing
- Sensor-based computing
- Signal Processing Systems
- Soft Computing

For more topics, please visit: http://icacs.org/cfp.html

Special Session-Quantum Computing: Current Status and Prospects – QCCSP

- **Special Session Organizer and Chair:** Prof. Ilias K. Savvas, Dept. of Digital Systems, Univ. of Thessaly, GR, isavvas@uth.gr
- **Topics** (more topics, please visit:http://icacs.org/specialsession.html):
  - Quantum Computing Research and Applications on Chemistry and Material Science, Blockchain and Cybersecurity, Logistics, Healthcare, Agriculture, Finance, and so on
    - Quantum Machine Learning (algorithms, applications, and techniques)
    - Quantum Processing Units (QPUs) and error correction
    - Meta-quantum cryptographic algorithms
    - Quantum Drug Development
    - Parallel Computations on Quantum Computing Devices
- **Program Committee**
  Ilias K. Savvas, University of Thessaly, Greece
  Oleg Kartashov, Smart Materials Research Institute, Southern Federal University, Russia
  Maria A. Butakova, Smart Materials Research Institute, Southern Federal University, Russia
  Sergey M. Gushansky, Institute of Computer Technologies and Information Security, Southern Federal University, Russia
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  Apostolos Xenakis, University of Thessaly, Greece
  Maria Avramouli, University of Thessaly, Greece
  Maria Sabani, University of Thessaly, Greece

SUBMISSION

Submission Requirements
1). Language
English is the official language of the conference; the paper should be written and presented only in English.
2). Template Download
3). Submission Types
* Abstract submission for presentation only without publication.
* Full paper submission for both presentation and publication.
4). Paper Length
Each full paper should be no less than 8 pages, and the maximum paper length is 10 printed pages, including all figures, tables, and references, and extra page will be charged.

Submission Methods
Submit your paper to Online Submission System:
http://confsys.iconf.org/submission/icacs2023
Send your paper to email box: icacs.edu@outlook.com

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KEYNOTE SPEAKERS

- **Prof. Jiangchuan Liu (IEEE Fellow)**
  Simon Fraser University, Canada
- **Prof. Shui Yu (IEEE Fellow)**
  University of Technology Sydney, Australia
- **Prof. Minghua Chen (IEEE Fellow)**
  City University of Hong Kong, Hong Kong, China
- **Prof. Tahar Kechadi**
  University College Dublin, Ireland

CONFERENCE PROCEEDINGS

Accepted papers after proper registration and presentation will be published in the International Conference Proceedings Series by ACM (ISBN:**979-8-4007-0909-8**), which will be archived in the **ACM Digital Library**, and indexed by **Ei Compendex, Scopus,** etc.

- ICACS 2022 Conference Proceedings | Ei Compendex | Scopus
- ICACS 2021 Conference Proceedings | Ei Compendex | Scopus
- ICACS 2020 Conference Proceedings | Ei Compendex | Scopus
- ICACS 2018 Conference Proceedings | Ei Compendex | Scopus
- ICACS 2017 Conference Proceedings | Ei Compendex | Scopus

IMPORTANT DATES

- **Submission Deadline: September 15, 2023**
- Notification Deadline: September 30, 2023
- Registration Deadline: October 10, 2023

Hosted by

Department of Digital Systems

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