

## Publications

We are proud to announce that the Proceedings of ICCMSE 2023 will be published in the very famous **AIP (American Institute of Physics) Conference Proceedings**.

The journals in which selected Proceedings of ICCMSE 2023 will be published are:

1. [Journal of Numerical Analysis, Industrial and Applied Mathematics \(JNAIAM\) \(ESCMSET\)](#), which is the official journal of European Society of Computational Methods in Sciences and Engineering
2. [Journal of Mathematical Chemistry \(Springer\)](#)
3. [Journal of Computational Methods in Sciences and Engineering \(JCMSE\)](#)

For Publication you must contact via email Professor Dr. Theodore E. Simos at:  
[chairman@iccmse.org](mailto:chairman@iccmse.org)

The conference organizers invite colleagues to submit proposals for Sessions, or Workshops and Minisymposia. **The Session, Workshop or Minisymposium organizers will be responsible for advertising their session, reviewing and selecting the papers.**

**Papers accepted for Sessions, Workshops or Minisymposia will be published in the Proceedings of ICCMSE 2023.**

After the Conference papers presented at the Sessions, Workshops or Minisymposia will be considered for publication in the journals mentioned above.

Galaxy Hotel Iraklion  
Heraklion, Crete, Greece

# ICCMSE 2023

## 18th International Conference of Computational Methods in Sciences and Engineering (ICCMSE 2023)

**23-26 May 2023,  
Heraklion, Crete, Greece**

### INVITED SPEAKERS

**Prof. Dr. Paul Mezey**

Canada Research Chair in Scientific Modeling and Simulation, Editor, Department of Chemistry, and Department of Physics and Physical Oceanography, Memorial University of Newfoundland, 283 Prince Philip Drive, St. John's, NL, A1B 3X7, CANADA, Permanent Guest Professor, Institute of Chemistry, University of Budapest, Hungary and Permanent Guest Professor, Babes-Bolyai University, Cluj, Romania



[www.iccmse.org](http://www.iccmse.org)



## Dates of Importance

Proceedings paper (3-4 pages) submission deadline	12 May 2023
Notification of acceptance / referees' amendments	12 May 2023
Submission of the source files of the camera ready short papers to AIP Conference Proceedings	11 July 2023
Conference	23 – 26 May 2023
Submission of the full papers for publication in conference syndicated journals	11 July 2023 - 11 October 2023

### Contact Details Secretary ICCMSE

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## Aims and Scope

The aim of ICCMSE 2023 is to bring together computational scientists and engineers from several disciplines in order to share methods, methodologies and ideas and to attract original research papers of very high quality.

## Topics

### Topics to be covered include (but are not limited to):

- Computational Mathematics, Theoretical Physics, Computational Physics,
- Theoretical Chemistry, Computational Chemistry, Mathematical Chemistry,
- Computational Engineering, Computational Mechanics,
- Computational Biology and Medicine,
- Computational Geosciences and Meteorology,
- Computational Economics and Finance,
- Financial Forecasting,
- Scientific Computation,
- High Performance Computing,
- Parallel and Distributed Computing,
- Visualization,
- Problem Solving Environments,
- Software Tools,
- Advanced Numerical Algorithms,
- Modelling and Simulation of Complex Systems,
- Web-based Simulation and Computing,
- Grid-based Simulation and Computing,
- Computational Grids,
- Fuzzy Logic,
- Application of Nano Materials
- Hybrid Computational Methods,
- Data Mining and Information Retrieval,
- Virtual Reality,
- Reliable Computing,
- Image Processing,
- Computational Science and Education.

## Scientific Committee

### **Chairman**

#### **Prof. T. E. Simos**

Section of Mathematics, Department of Civil Engineering, Democritus University of Thrace, Xanthi, Greece (Visiting Professor), Member of the Presidium of the European Academy of Sciences, President of the European Society of Computational Methods in Sciences and Engineering (ESCMSE), Active Member of the European Academy of Sciences and Arts (EASA), Active Member of the European Academy of Sciences (EAS), Corresponding Member of European Academy of Arts, Sciences and Humanities (EAASH).

### **Vice Chairmen**

#### **Professor Dr. Zacharoula Kalogiratou**

Technological Educational Institute of Western Macedonia, Greece

#### **Associate Prof. Dr. Theodore Monovasilis**

Technological Educational Institute of Western Macedonia, Greece

### **Scientific Committee**

**Prof. Zacharoula Kalogiratou**, Greece

**Prof. Paul G. Mezey**, Canada, Hungary and Romania

**Associate Prof. Theodore Monovasilis**, Greece

**Dr. Taku Onishi**, Japan, Norway

**Prof. T.E. Simos**, Greece

**Prof. Dr. Ajit J. Thakkar**, Canada

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**Prof. Zhigang Jiang**, USA