

Publications

We are proud to announce that the Proceedings of ICCMSE 2019 will be published in the very famous **AIP (American Institute of Physics) Conference Proceedings**.

The journals in which selected Proceedings of ICCMSE 2019 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

The conference organizers invite colleagues to submit proposals for Sessions, or Workshops and Minisymposia. Each session should have at least 6 presentations and each Workshop or Minisymposium at least 12 presentations.

The Session, Workshop or Minisymposium organizers will be responsible for advertising their session, reviewing and selecting the papers.

Session organizers will have one presentation free. The Workshop or Minisymposium organizers will have free registration, accommodation and two presentations. Papers accepted for Sessions, Workshops or Minisymposia will be published in the Proceedings of ICCMSE 2019.

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

Sheraton Hotel
Rhodes, Greece

ICCMSE 2019

15th International Conference of Computational Methods in Sciences and Engineering (ICCMSE 2019)

1-5 May 2019,
Rhodes, 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



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Dates of Importance

Proceedings paper (3-4 pages) submission deadline	April 11, 2019
Notification of acceptance / referees' amendments	April 18, 2019
Submission of the source files of the camera ready short papers to AIP Conference Proceedings	June 3, 2019
Conference	May 1-5, 2019
Submission of the full papers for publication in conference syndicated journals	July 21, 2019 - October 6, 2019

Contact Details

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Aims and Scope

The aim of ICCMSE 2019 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

College of Sciences, Department of Mathematics, King Saud University, Saudi Arabia and Laboratory of Computational Sciences, Department of Computer Science and Technology, University of Peloponnese, Tripolis, Greece, 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

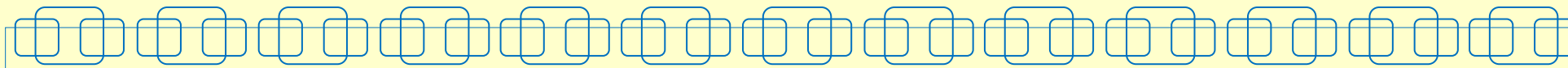
Dr. Taku Onishi, Japan, Norway

Prof. T.E. Simos, Greece

Prof. Dr. Ajit J. Thakkar, Canada

Prof. Ch. Tsitouras, Greece

Prof. Zhigang Jiang, USA



Symposia within ICCMSE 2019

- Title:** Computational Chemistry
Organizer: Taku Onishi, PhD (Chair), Mie University, JAPAN
email: taku@chem.mie-u.ac.jp
- Title:** Photonic Metamaterials
Organizer: Tatjana Gric, Department of Electronic Systems, Vilnius Gediminas Technical University|
email: Tatjana.Gric@Dal.Ca
- Title:** The Third Symposium on Computational Methods in Economics and Nature Use
Organizers: Assoc. Prof. Dr. Alexander N. Medvedev, Scientific Secretary, Institute of Industrial Ecology UB RAS, Yekaterinburg, Russia, Associate Professor (part time), Department of Systems Analysis and Decision Making, Ural Federal University, Yekaterinburg, Russia, Active Member of the European Academy of Natural Sciences, Hanover, Germany and Assoc. Prof. Dr. Marina A. Medvedeva, Head of the Department of Systems Analysis and Decision Making, Ural Federal University, Yekaterinburg, Russia
E-mail: alnikmed52@gmail.com, marmed55@yandex.ru
- Title:** Fluid Dynamics
Organizer: Prof. Dr. Zied Driss, HDR, Ph.D., Engineer, Professor at National School of Engineers of Sfax, Project Chief at Laboratory of Electromechanical Systems, Laboratory of Electromechanical Systems (LASEM), National School of Engineers of Sfax (ENIS), University of Sfax (US), B.P. 1173, Road Soukra km 3.5, 3038, Sfax, Tunisia, GSM: + 216 97 589 202, Tel.: + 216 74 274 409 (Labo: 115 - Office: 380), Fax: + 216 74 275 595, Research Gate: https://www.researchgate.net/profile/Zied_Driss (link is external), Mendeley profile: <https://www.mendeley.com/profiles/zied-driss/>, Scopus Author ID: **E-mail:** zied.driss@enis.tn, zied_driss@yahoo.fr
- Title:** ISCSIT 2019, 3rd International Symposium on Computer Science and Information Technology
Organizers: Dr. Martin Kotyrba – Chairman, Assoc.Prof. Eva Volna – Vice-Chairman, Dr. Vladimir Bradac–Vice-Chairman, Dr. Martin Zacek–Vice-Chairman, Dr. Bogdan Walek–Vice-Chairman, Department of Informatics and Computers, 30. dubna 22, 70103 Ostrava, Czech Republic
E-mail: martin.kotyrba@osu.cz, eva.volna@osu.cz, vladimir.bradac@osu.cz, martin.zacek@osu.cz, bogdan.walek@osu.cz
- Title:** 3th Symposium on Computational Simulation and Experimental Analysis of Hygrothermal Phenomena in Building Envelopes
Organizer: Assoc. Prof. Dr. Zuzana Hlaváčová, Department of Physics, Faculty of Engineering, Slovak University of Agriculture in Nitra, Trieda Andreja Hlinku 2, 94976 Nitra, Slovak Republic
E-mail: Zuzana.Hlavacova@uniag.sk
- Title:** Symposium in honor of Dennis Salahub
Organizer: Ajit Thakkar, PhD, FCIC, Professor Emeritus, Chemistry Department, University of New Brunswick, Fredericton, NB, Canada,
<http://www2.unb.ca/~ajit/>
E-mail: ajit@unb.ca
- Title:** Automation Methods in Computational Networking
Organizer: Siavash Khorsandi: Associate Professor at Tehran Polytechnic (Amirkabir) University, Adjunct Professor at Carleton University (Ottawa, Canada) and currently visiting professor at University of Toronto (Canada)
E-mail: Siavash.khorsandi@utoronto.ca
- Title:** Amorphous to Crystalline Structures in Computational Science
Organizer: Silviu Polosan, PhD (Chair), NIMP Bucharest, Romania
E-mail: silv@infim.ro
- Title:** Applications of Nano-materials
Organizer: Prof P.Pramanik, Distinguished Professor, GLA University ,Nano-material Laboratory Mathura , India, Collaborators with Jadavpur University ,Nano-structured sensors Laboratory , Kolkata, India, Adviser, Indian Statistical Institute , Agriculture and Ecology , Kolkata, India
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