Call for Papers

After successfully organising the fifth conference of this series, International Association for Educators and Researchers (IAER), registered CIC (Community Interest Company) in England and Wales, is happy to arrange the Fourth International Conference on Emerging Technologies in Computing (iCETiC ’23), which will be held from 17th - 18th August 2023, at University of Essex, Southend Campus, Southend, UK.

iCETiC ’23 is technically co-sponsored by EAI, authorised agent for Springer Nature’s LNICST Series. iCETiC ’23 Proceedings will be published in the Springer Nature Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST) Series, in cooperation with EAI.

LNICST series is indexed in WoS/ISI as well as in Scopus having 2021 CiteScore: 0.7 and SNIP 0.188; SJR 2021: 0.185 (Q4).

All the past iCETiC conference proceedings were also published in Springer Nature LNICST Series and available on SpringerLink: iCETiC ’18 - ’22.

The conference will draw together researchers and developers from academia and industry. For inclusion in the Springer-Verlag LNICST series, the papers must adhere to Springer’s Guidelines for Authors of Proceedings, instructions for which can be found at: ftp://ftp.springernature.com/cs-proceeding/svproc/guidelines/ Springer_Guidelines_for_Authors_of_Proceedings.pdf. The easiest way to do this is to download and use the MS Word 2003 Proceedings template. Selected papers for consideration for further publication from the conference may be recommended for the following journal(s), as shown in the table below. This will be after they have been asked to be substantially extended and enhanced. However, the journals’ respective Editor-in-Chief and the members of the Executive Board will make the final decision about the inclusion of the papers.
There will be a range of events from keynote addresses, technical and poster sessions, workshops and tutorials. The formal sessions will be supplemented by an excellent social programme.

**Paper Submission**

Work in progress, research papers, survey papers, application and theoretical papers, poster presentations and position papers for the workshop are all welcome.

Full papers, adhering to the Springer-Verlag LNICST paper formatting, should be submitted using the Microsoft Conference Management Toolkit (CMT).

**Scope of the Conference**

The conference theme is the “emerging technologies” as outlined by Gartner Hype Cycle for Emerging Technologies, 2022. Papers are sought on any topic in the spectrum of the conference theme, including, but not limited to the following:

**Cloud, IoT and Distributed Computing**
- Internet of Things, Everything and Nano-Things
- Cloud Computing, Fog Computing and Big Data
- Location-dependent/Personalized Application
- System Architectures and Platforms
- Service-Oriented Architectures (SOA)
- Embedded Computing with Applications
- Low Power, Energy-Aware Pervasive Computing
- Smart Devices
- Middleware Services and Agent Technologies
- Intelligent Devices and Environments
- Security and Privacy Issues for Pervasive Systems
- Ubiquitous Computing, etc.

**Software Engineering**
- Methods and Techniques for Software Dev.
- Software Maintenance
- Requirements Engineering
- Object-Oriented Technologies
- Re-engineering and Reverse Engineering
- Software Reuse
- Software Management and Risk Analysis
- Software Architectures Design
- Middleware Components
- Software Testing and Quality Assurance
- Verification and Validation
- Software Evaluation, etc.

**Communications Engineering and Vehicular Technology**
- Computer Networking
- Telecommunication Systems
- Wireless Ad-hoc and Sensor Networks
- Network/Information Security
- Security Protocol
- Cognitive Radio
- Cooperative Communications
- Radio Resource Management and Optimization
- Vehicular Communication Systems,
- Information Theory and Coding Systems, etc.

**AI, Expert Systems and Big Data Analytics**
- Artificial Intelligence
- Machine Learning
- Big Data, Data Mining and Knowledge Discovery
- Information Retrieval
- Social Computing/Media
- Natural Language Processing
- Neural Networks
- Expert System
- Decision Support System
- E-service Intelligence, etc.

**Web Information Systems and Applications**
- Web Information Mining and Retrieval
- Data Mining and Knowledge Discovery
- Web Services, SOA and Grid Computing

**Security**
- Network Security and Cryptography
- Virus, Worm and Malware Analysis
- Security in Embedded Systems and IOT
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17th - 18th August, 2023
University of Essex, Southend, UK

- Deep Web Technology
- XML and Semi-structured Data Management
- Semantic Web and Intelligent Web
- Multimedia Data Management
- Web Information Engineering Methodology
- Web 2.0 and Social Information Network, etc.

- Cloud and System Security
- Security in Cyber Physical Systems
- Web and Application Security
- Access Control, Firewall and IDS
- Privacy and Trust Management
- Big-data Trust, Security and Privacy

Registration

At least one author must register and physically/virtually attend the conference to present the paper. For further details, please see the registration link.

Key Dates

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<th>Event</th>
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<td>Main Conference Submission Deadline</td>
<td>30th April 2023</td>
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<td>(See workshop/tutorial pages for other deadlines)</td>
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<tr>
<td>Notification of Acceptance</td>
<td>Continuous Process</td>
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<tr>
<td>Camera-ready Submission</td>
<td>14th May, 2023</td>
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<td>Last Date of Registration (Authors)</td>
<td>19th May, 2023</td>
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<td>Conference Dates</td>
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We look forward to welcoming you to iCETiC 2023 at University of Essex, Southend, UK.

Yours cordially (on behalf of the organising committee)

Conference Chairs

Garfield Southall, Professor Emeritus, University of Chester, UK.
Maaruf Ali PE PhD SMIEEE, Faculty of Engineering, Canadian Institute of Technology (CIT), Albania.