

**5<sup>th</sup> International Conference on Emerging Topics in Computing  
(iCETiC '22) 2022  
15<sup>th</sup> - 16<sup>th</sup> August, 2022  
University of Chester, Chester, UK  
(With online presentation opportunity)**

Call for Papers

**Important Announcement:** Due to a higher amount of travel restrictions resulting from the spread of COVID-19, iCETiC '22 will optionally offer the authors with the opportunity for online participation and presentation, to ensure the safety, comfort and quality of experience of the attendees and of the successful course of the event. All matters related to the **quality, publication and indexing shall remain unchanged**. We are closely monitoring the situation – If any further adjustment is deemed to be necessary, detailed announcement will be made in due course.

After successfully organising the third 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 \(iCETiC '22\) 2022](#), which will be held from 15<sup>th</sup> - 16<sup>th</sup> August 2022, at University of Chester, Chester, UK.



All presented papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries, within LNICST.

Proceedings are submitted by Springer for inclusion to the leading indexing services:

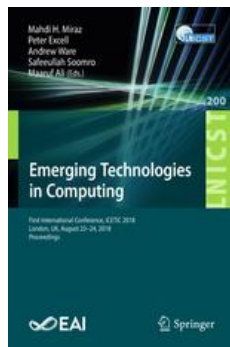


iCETiC '22 is technically co-sponsored by EAI, authorised agent for Springer Nature's LNICST Series. iCETiC '22 Proceedings will be published in the Springer Nature Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST) Series, in cooperation with EAI.

LNICST series is indexed in WoS/ISI as well as in Scopus having 2020 CiteScore: 0.7 and SNIP 0.187; SJR 2020: 0.142 (Q4).

All the past iCETiC conference proceedings were also published in Springer Nature LNICST Series and available on SpringerLink: [iCCECE '18](#), [iCETiC '19](#), [iCETiC '20](#) and [iCETiC '21](#).

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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](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 journals, 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. Furthermore, invited extended papers will be published in an edited book by Springer-Verlag.

Journal Name	Publisher	Major Indexing
<a href="#"><i>Sensors</i></a>	MDPI	ISI/Web of Science, Scopus, ACM DL, DBLP, INSPEC ISI Impact Factor: 3.576
<a href="#"><i>Journal of Database Management (JDM)</i></a>	IGI Global	ISI/Web of Science, Scopus, ACM DL, DBLP, INSPEC ISI Impact Factor: 1.138
<a href="#"><i>Computing and Informatics</i></a>	Institute of Informatics Slovak Academy of Sciences	ISI/Web of Science, Scopus, DBLP, INSPEC, EBSCO ISI Impact Factor: 0.496
<a href="#"><i>Open Engineering</i></a>	De Gruyter	Scopus and ISI/Web of Science, EBSCO, DOAJ SJR Impact Factor 2018: 0.211
<a href="#"><i>Open Computer Science</i></a>	De Gruyter	ISI/Web of Science, EBSCO, DOAJ, DBLP
<a href="#"><i>Annals of Emerging Technologies in Computing (AETiC)</i></a>	IAER	Scopus, ISI ESCI (evaluation under process) CiteScore 2020: 2.3

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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 (Read [Submit Paper](#)), 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, 2021](#). 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
- Deep Web Technology
- XML and Semi-structured Data Management
- Semantic Web and Intelligent Web
- Multimedia Data Management
- Web Information Engineering Methodology

#### **Security**

- Network Security and Cryptography
- Virus, Worm and Malware Analysis
- Security in Embedded Systems and IOT
- Cloud and System Security
- Security in Cyber Physical Systems
- Web and Application Security
- Access Control, Firewall and IDS

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- Web 2.0 and Social Information Network, etc.
- Privacy and Trust Management
- Big-data Trust, Security and Privacy

**Database System and Application**

- Database and Information System Architecture and Performance
- Applications of DB Systems and IS
- Multi-databases and Database Federation
- Temporal, Spatial, and High Dimensional DB
- XML and Databases
- Distributed, Parallel, P2P, and Grid-based DB

**Economics and Business Engineering**

- Supply Change Management Technology  
Computational Economics and Finance
- FinTech
- Industrial and Systems Engineering
- E-Management, E-commerce and e-Business
- Business Information Systems
- Technopreneurship, Technology and Innovation

**mLearning and eLearning**

- e/m-Learning, Blended and Distance Learning
- Virtual Learning Environments (VLEs)
- Ethical Issues in e-learning
- Mobile Assisted Language Learning (MALL), etc.

**General Track**

- Any other topic not covered in the regular tracks

**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**

Event	Deadline
Main Conference Submission Deadline (See <a href="#">workshop/tutorial</a> pages for other deadlines)	19 <sup>th</sup> June 2022
Notification of Acceptance	Continuous Process
Camera-ready Submission	17 <sup>th</sup> July, 2022
Last Date of Registration (Authors)	26 <sup>th</sup> July, 2022
Last Date of Registration (non-Authors)	30 <sup>th</sup> July, 2022
Conference Dates	15 <sup>th</sup> -16 <sup>th</sup> August, 2022

**We look forward to welcoming you to iCETiC 2022 at University of Chester, Chester, UK.**

Yours cordially (on behalf of the organising committee)

**Conference Chairs**

**Garfield Southall**, Professor Emeritus, University of Chester, UK.

**Maaruf Ali** PE PhD SMIEEE, School of Computer Engineering, EPOKA University, Albania.