The International Association of Educators and Researchers (IAER), registered CIC (Community Interest Company) in England and Wales, is happy to arrange the First International Conference on Computing, Electronics and Communications Engineering (iCCECE ’18), which will be held from 16th – 17th August, 2018, on the beautiful grounds of the University of Essex, Southend, UK.

The conference will draw together researchers and developers from academia and industry. All accepted papers will be published in the proceedings, printed in England. We aim to get iCCECE ’18 technically co-sponsored by the IEEE. If approved, accepted papers will be indexed in Scopus and submitted to IEEE XPlore. For inclusion in the IEEE XPlore Digital Library, the papers must adhere to the IEEE Conference A4 Paper size (NOT US Letter) guidelines, instructions for which can be found at this link: http://www.ieee.org/conferences_events/conferences/publishing/templates.html. The easiest way to do this is to download and use the IEEE MS Word A4 template. The selected papers will be considered for the following IAER journals, as shown in the table below. Furthermore, invited extended papers will be published in an edited book by Springer-Verlag.

<table>
<thead>
<tr>
<th>IAER Journal Name</th>
<th>Website</th>
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<tbody>
<tr>
<td>Annals of Emerging Technologies in Computing (AETiC)</td>
<td><a href="http://www.aetic.theiaer.org">http://www.aetic.theiaer.org</a></td>
</tr>
<tr>
<td>Annals of Networking and Communications Engineering (ANCE)</td>
<td><a href="http://www.ance.theiaer.org">http://www.ance.theiaer.org</a></td>
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</table>

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 exploring the Sothend Pier, the longest pleasure pier in the world.

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, with a maximum length of six pages, adhering to the IEEE conference paper formatting (Read Submit Paper), should be submitted using the EasyChair Conference Management System.

Scope of the Conference

Papers are sought on any topic in the spectrum of the conference theme, including, but not limited to the following:
### International Conference on Computing, Electronics and Communications Engineering (iCCECE ’18) 2018

**16th - 17th August, 2018**

**University of Essex, Southend, UK**

**Pervasive Computing and Internet of Thing**
- Internet of Things, Everything and Nano-Things
- Location-dependent/Personalized Application
- System Architectures and Platforms
- Embedded Computing with Applications
- Low Power, Energy-Aware Pervasive Computing
- Smart Devices
- Spaces and Objects
- Middleware Services and Agent Technologies
- Positioning and Tracking Technologies
- Intelligent Devices and Environments
- User Interfaces and Interaction Models
- Security and Privacy Issues for Pervasive Systems
- Ubiquitous Computing, etc.

**Computing and IT**
- Software Engineering
- Cloud Computing, Fog Computing and Big Data
- Business/Enterprise Architectures
- Mobile Computing
- Distributed Systems
- Information Systems
- Knowledge Discovery and Data Mining
- Artificial Intelligence
- Decision Support Systems
- Visualization and Computer Graphic
- Image Processing, Information Retrieval
- Natural Language Processing
- Machine Learning, 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.

**Electronics, Circuits and Systems**
- VLSI and Microelectronic Circuit Design
- Embedded Systems
- System on chip (SoC) Design
- FPGA (Field Programmable Gate Array) Design and Applications
- Electronic Instrumentations
- Electronic Power Converters and Inverters
- Electric Vehicle Technologies, etc.

**Control Systems**
- Control Theory and Applications
- Robotics and Autonomous Systems
- Intelligent Control
- Optimal Control
- Robust Control
- Adaptive Control
- Linear and Nonlinear Control Systems
- Complex Adaptive Systems
- Industrial Automation
- Control Systems Technology, etc.

**Energy and Power Systems**
- Low Carbon Power (CCS, Nuclear, Wind, Solar, Hydro, etc.)
- Low Carbon Transport (Fuel Cells and Hydrogen)
- Energy Storage and Network Balancing
- Grid Integration and Infrastructure
- Distributed Generation
- Energy Efficiency and Energy Management
- Policy, Targets and Resource Efficiency
- Integrating Finance, Economies and Energy
- Computing, Data and ‘Intelligent’ Design
- Micro Grid Operation
- System Stability, Dynamics and Control
- Power System Protection and Relaying
- Restructuring of Power System, Electricity, etc.

**Engineering Education and Sustainable Development**
- EESD and Circular Economy
- Global Issues in EESD
- Overcoming Barriers for EESD
- EESD and Energy
- Stakeholders in EESD
- EESD and Life Long Learning
- EESD and Disciplinary Approaches

**Economics and Business Engineering**
- Computational Economics and Finance
- FinTech
- Industrial and Systems Engineering
- e-Commerce and e-Business,
- Business Information Systems
- Technopreneurship, Technology and Innovation
- Supply Change Management Technology, etc.
Registration

At least one author must register and physically attend the conference. Presentation via video-conferencing may only be allowed under special circumstances. For further details please see the registration link.

Key Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Deadline</th>
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<tbody>
<tr>
<td>Main Conference Submission Deadline</td>
<td>31st May, 2018 (However, we encourage early submission, especially if you require a visa)</td>
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<tr>
<td>Notification of Acceptance</td>
<td>Continuous Process</td>
</tr>
<tr>
<td>Camera-ready Submission</td>
<td>24th June, 2018</td>
</tr>
<tr>
<td>Last Date of Registration (Authors)</td>
<td>24th June, 2018</td>
</tr>
<tr>
<td>Last Date of Registration (non-Authors)</td>
<td>31st July, 2018</td>
</tr>
<tr>
<td>Conference Dates</td>
<td>16th - 17th August, 2018</td>
</tr>
</tbody>
</table>

We look forward to welcoming you to iCCECE ’18 at the University of Essex, Southend, UK.

Yours cordially (on behalf of the organizing committee),

Maaruf Ali PE PhD SMIEEE

Conference Chair
(Formerly Vice Dean of Postgraduate Studies and Scientific Research at the College of Computer Science and Engineering, University of Ha’il, Kingdom of Saudi Arabia)

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