1st Conference on Science and Technology for early career researchers and postgraduate students (STEPS 2020)

Tikrit University

20– 22 DECEMBER 2020

2020

STEPS 2020 will be held online (Virtual conference).

LIVERPOOL JOHN MOORES UNIVERSITY

TIKRIT UNIVERSITY

KAZAN FEDERAL UNIVERSITY

STEPS (Science, Technology, Engineering, Post Graduate Students)

We are witnessing revolutionary changes in Science, Technology and Engineering. For example, the researchers, nowadays, utilise different fields of knowledge and sources of information to achieve the targeted goals. In accordance with these developments in technology, the 1st Conference on Science, Technology and Engineering for early career researchers and postgraduate students (STEPS) aims to bring together early career researchers and postgraduate students to exchange and share their experiences and research results on all aspects of science, technology and engineering.

Additionally, scientists are welcomed in this conference to share their experience with the early career researchers and postgraduate students. It also provides an interdisciplinary platform for researchers to present and discuss the recent innovations in these important fields.

Additionally, the gathering, which is planned to become an annual fixture, includes workshops to provide the needed training and preparation for the future of early career researchers and postgraduate students. An important advantage that would accrue out of this gathering is the cross fertilisation between the different research areas the development of a network of graduates and senior researchers.

STEPS 2020 will also be attended by well-known international and national professors and industrialists in these fields, and therefore will provide the crucial feedback mechanisms required in the enhancement of the research.

The participation of postgraduate students in this conference is a key activity in the development of the International research base as the meeting between postgraduate students and national and international experts will provide an exciting environment for the development of high quality research. Additionally, STEPS 2020 provides an opportunity for postgraduate students to build industrial and educational contacts for future careers and collaborative works.

eSystems Engineering Society

DeSE

Call for Papers

The First Annual Conference on Science, Technology and Engineering for early career researchers and postgraduate students (STEPS 2020) is organised by eSystems Engineering Society in the UK and Tikrit University in Iraq. STEPS 2020 helps early career researchers and postgraduate students to present their works, alongside guest speakers. We invite authors to submit papers addressing advances in technological issues associated with, **but not limited to**, the Environmental Sience and Engineering

AWARDS
Awards will be given to:

1. The best paper
2. The best presentation

Environmental Science and Engineering

- Water and wastewater pollution and treatment
- Solid waste management
- Noise and vibration monitoring and control
- Environmental monitoring and remote sensing
- Environmental chemistry and biology
- Environmental protection
- Climate change
- Urban planning
- Indoor pollution
- Sustainable environment and green energy
- Water Supply
- Structural engineering
- Structural health monitoring
- Advanced construction materials

- Problematic soils and soil enhancement
- Geotechnical earthquake engineering
- Green buildings
- Hydraulic structures and dams
- Water resources management
- Roads and railways engineering
- Sustainable pavement materials
- Codes and standards-Buildings
- Electrical engineering
- Mechanical engineering
- Chemical engineering
- Computer engineering
- Agricaultural engineering

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DeSE

Developments in eSystems Engineering Conference Series

Developments of eSystems Engineering (DeSE) has been established in recognition of the escalating importance and relevance of electronic media, applications and devices in our everyday work, home and commercial environments.

These systems have often arisen as solutions to domain specific problems, addressing areas of social science, business studies, engineering, auto, health studies, computer science, communications, geo-systems and most other academic and vocational subject areas. Accordingly developments and innovations in e-systems engineering have appeared through sources appropriate to their subject area with little heed paid to the actual underlying science of engineering an e-system. Therefore, it is the intention of DeSE to provide the increasingly essential forum dedicated to discussing and reporting on developments in the field of e-systems engineering; including all relevant research and practical advancements.

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LIVERPOOL JOHN MOORES UNIVERSITY
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Professor **Ahmed Al-Shamma'a,** Dean of College of Engineering, University of Sharjah, Sharjah, United Arab Emirates.

Professor **Rafid Al-Khaddar**, Head of Civil Engineering Department at Liverpool John Moores University, UK, and the X-president of CIWEM (Chartered Institution of Water and Environmental Management), UK.

Professor **Subhi Al-Jibori,** Chemistry Department, College of Science, Tikrit University, Tikrit, Iraq.

Dr **Michaela Gkantou**, Civil Engineering Department at Liverpool John Moores University, UK.

Dates and Submissions

Papers should not exceed 10 sides of A4.

Submission of full papers	25/07/2020
Deadline for submission	15/10/2020
Notification of acceptance	01/11/2020
Submission of camera-ready papers	10/11/2020
Author online registration	25/11/2020

Registration

The Registration fee is
$150

Certificate fee: **$30** (Attendees will be provided with international certificate from STEPS series and the British eSystems Engineering Society)

Conference Proceedings

After a careful reviewing process, all the accepted papers will be published into **IOP Conference Series: Materials Science and Engineering journal (cite score: 0.54),** which are indexed in Scopus, as well as EI Compendex and Inspec.

For registration contact the publicity team via the following email address please:

submissions@stepsconference.org.uk

For more information about the journal indexing, please visit the website below

https://www.scimagojr.com/journalrank.php?order=tr&ord=desc&type=p

For more information about the author guidelines for conference proceedings, and a word template please visit the website below:

https://stepsconference.org.uk/

For payment, contact **Dr. Anas** on **00964 770 1830 412** please.

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eSystems Engineering Society

The aim of the Society involves all aspects of theory, design, practice, and application relating to Computer systems driven by artificial intelligence and sensor technology.

This could include eSystems Development, Data Science and Big Data Research, IoT (Internet of Things) & IoE (Internet of Everything) Development and Applications, Big Data, Smart City, Smart Health, Smart Living and Smart Home, Health networking, Learning Analytics, Business Intelligence and Cloud Computing.

The eSystem Engineering Society is an international organisation devoted to computer systems, innovation and technology. The eSystem Engineering Society is the founder, the main organiser and technical sponsor of the Developments in eSystems Engineering Conference Series.

The Society is a volunteer-led non-profit technical organisation, with a wide community of software engineers, academics, data scientists, researchers, students, practitioners and more.

IRAQ

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