



SERA 2017

CALL FOR PAPERS

15th ACIS International Conference on

Software Engineering Research, Management and Applications (SERA 2017)

7-9 June, 2017, University of Greenwich, London, United Kingdom

Sponsored by IEEE Computer Society and International Association for Computer and Information Science (ACIS) in cooperation with University of Greenwich

SERA 2017 Proceedings will be published by CPS and will be submitted to be indexed by EI, INSPEC, and DBLP.

Conference officers will select outstanding papers for possible publication in the following journals

International Journal of Networked and Distributed Computing (IJNDC), Paris, France

International Journal of Software Innovation (IJSI), IGI Globe, U.S.A.

Studies in Computational Intelligence (SCI), Springer, Germany

Best Paper Awards and **Best Student Paper Awards** will be conferred at the conference (in order to qualify for the award, the paper must be presented at the conference).

The 15th International Conference on Software Engineering Research, Management and Applications (SERA 2017) will bring together researchers, scientists, engineers, industry practitioners, and postgraduate students to discuss, encourage and exchange new ideas, research results, and experiences on all aspects of computer and information science. SERA 2017 aims to facilitate cross-fertilizations among, and is soliciting papers in the key technology enabling areas. The topics of interests include but not limited to:

General Chair

Roger Lee
Central Michigan
University, USA

Conference Chair

Liz Bacon
University of
Greenwich, U.K.

Program

Co-Chairs:

Lachlan MacKinnon
&
Jixin Ma
University of
Greenwich, U.K.

Publicity Chairs

Petr Hnetyuka,
Charles University,
Czech Republic
&
Qin Jing
Shandong
University, China

Workshop Chairs

Cornelia Boldyreff,
&
Avgoustinos
Filippopolitis,
University of
Greenwich, U.K.

Local

Arrangements

Chair,

Andy Wicks,
&
Yasmine Arafa
University of
Greenwich, U.K.

IMPORTANT DATES

Paper

Submission:

30th March, 2017

Workshop/Special

Session Proposal

Due:

1st February, 2017

Acceptance

Notification:

1st April 2017

Camera-ready

Paper & Pre-

Registration:

9th April 2017

- Reqs. Engineering
- SW Process Models
- Software Process Improvement
- Business Process Engineering
- Software Architecture
- Enterprise Architecture
- Component-Based Software Engineering
- Software Testing
- Analysis and Design of Algorithms / Program
- Software Impact Analysis
- Design Patterns and Frameworks
- Model Driven Architecture

- Modeling with UML
- Software Reuse and Metrics
- Object-Oriented Technology
- Reverse Engineering, Reengineering
- Reliability Modeling and Analysis
- Middleware Design Techniques
- Software Development in the Next Generation Networks
- Data Mining and Knowledge Recovery
- Parallel and Distributed Computing

- Information Security and Assurance
- Safety in Critical Software
- Design and Process Engineering
- Mobile / Wireless Computing
- Communication Systems and Networks
- Healthcare Information Engineering
- Social Networking Technology
- Image Processing
- E-Learning Technologies
- Machine Learning / Deep Learning