**SERA 2016 CALL FOR PAPERS**

14th IEEE/ACIS International Conference on
Software Engineering Research, Management and Applications (SERA2016)
June 8-10, 2016
Towson University, Towson, Maryland, USA

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

**SERA 2016 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 Computer & Information Science (IJCIS)*, CMU, U.S.A.

*Studies in Computational Intelligence (SCI)*, Springer, Germany

The 14th International Conference on Software Engineering Research, Management and Applications (SERA) aims to facilitate researchers, practitioners, and advanced graduate students to exchange their experiences, new ideas, research results and research-in-progress about all aspects of Software Engineering Research, Management and Applications. Discussions on the practical challenges encountered in industry and the solutions provided are of our great interest as well. The conference will cover the following research topics but not limited to:

- Reqs. Engineering
- SW Process Models
- Software Process Improvement
- Business Process Engineering
- Software Architecture
- Enterprise Architecture
- Component-Based Software Engineering
- Software Testing
- Program Analysis
- 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 Assurance
- Safety and Security 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