

1st International Workshop in Software Evolution and Modernization - SEM 2013

(<http://www.enase.org/SEM.aspx>)

4 July, 2013 - Angers Loire Valley, France

In conjunction with the 8th International Conference on Evaluation of Novel Software Approaches to Software Engineering - **ENASE 2013**

SCOPE

Legacy information systems can be a serious headache for companies because, on the one hand, these systems cannot be thrown away since they store a lot of valuable business knowledge over time, and on the other hand, they cannot be maintained easily at an acceptable cost. For many years, reengineering has been a solution to this problem because it facilitates the reuse of the software artifacts and knowledge embedded in the system. However, reengineering often fails due to the fact that it carries out non-standardized and ad hoc methods. This workshop attempts to explore and provides novel approaches in software modernization and evolution taking into account new trends in this field.



TOPICS OF INTEREST

Topics of interest include, but are not limited to:

- Software Evolution & Maintenance
- Reverse Engineering Reengineering
- Data and Process Mining
- Model-Driven Engineering
- Quality Assurance
- Program Comprehension
- Software Architecture Recovery Service
- Engineering and SOA
- Empirical Studies
- Visualization techniques and Tools
- Concept and Feature Location
- Object and Aspect Identification
- Program Analysis and Slicing
- Program Transformation and Refactoring
- Data Reverse Engineering
- Preprocessing, Parsing and Fact Extraction
- Enterprise Modeling

IMPORTANT DATES

Paper Submission: **April 9, 2013**

Authors Notification: **April 30, 2013**

Camera Ready and Registration: **May 13, 2013**

PUBLICATION

All accepted papers will be published in the workshop proceedings book, under an ISBN reference and on CD-ROM support. All papers presented at the conference venue will be available at the SCITEPRESS Digital Library (<http://www.scitepress.org/DigitalLibrary/>). SCITEPRESS is member of CrossRef (<http://www.crossref.org/>).