

4th International Workshop on

SEMS'17

Software Engineering Methods in Spreadsheets

<http://sems2017.ist.tugraz.at/>

June, 13th 2017, Eindhoven, The Netherlands

Co-located with the 6th Int. Symposium on End-User Development (IS-EUD)

Spreadsheets are heavily used in industry, as they are easy to create and evolve through their intuitive visual interface. They are often initially developed as simple tools, but, over time, spreadsheets can become increasingly complex, up to the point they become too complicated to maintain. Indeed, in many ways, spreadsheets are similar to “professional” software: both concern the storage and manipulation of data, and the presentation of results to the user. However, unlike in “professional” software, activities like design, implementation, and maintenance in spreadsheets have to be undertaken by end-users, not trained professionals. This makes applying methods and techniques from other domains a challenging task.

The role of SEMS is to provide an annual event where researchers can meet and exchange their ideas. SEMS serves as a platform for early feedback for new techniques and tools.

Topics of Interest

The workshop welcomes submissions that cover (but that are not limited to) the following topics:

- End-user development for spreadsheets
- Methods bridging the gap between models and spreadsheets
- Spreadsheet testing and inspection techniques
- Spreadsheet smell detection
- Visualization approaches, e.g., data flow diagrams
- Experience reports
- Refactoring techniques
- Fault localization and correction techniques
- Tool demos

Important Dates

- Abstract submission: March, 30th
- Paper: April, 6th
- Authors notification: April, 27th
- Camera ready version: May, 11th
- Early registration: May, 11th
- Workshop day: June, 13th

Submissions

We welcome both full research papers (max. 16 pages), and short papers (max. 8 pages) written in English and prepared using the specific Springer LNCS format.

We also welcome tool demonstrations (max. 4 pages).

Workshop Format

All accepted papers will be presented during the workshop. Authors of tool papers will have additionally some time for tool demos.

Furthermore, the SEMS program will include a keynote talk and a general discussion session that aims to identify further research directions.

Proceedings

The accepted papers and tool demonstrations will be published in the extra proceedings of the IS-EUD dedicated to the workshops.

Program Committee (confirmed)

- Rui Abreu, IST, University of Lisbon, Portugal
- Shing-Chi Cheung, The Hong Kong University of Science and Technology, China
- Martin Erwig, Oregon State University, USA
- João P. Fernandes, Universidade de Coimbra, Portugal
- Felienne Hermans, TU Delft, The Netherlands
- Bennett Kankuzi, North-West University, South Africa
- Daniel Kulesz, University of Stuttgart, Germany
- Jorge Mendes, Universidade do Minho, Portugal
- Richard Paige, University of York, UK
- Sohon Roy, TU Delft, The Netherlands
- Peter Sestoft, IT University of Copenhagen, Denmark
- Leif Singer, Automattic Inc., USA

Organizers

- Jácome Cunha, Universidade Nova de Lisboa, Portugal
- Birgit Hofer, Graz University of Technology, Austria

Steering Committee

- Felienne Hermans, TU Delft, The Netherlands
- Richard Paige, University of York, UK
- Peter Sestoft, IT University of Copenhagen, Denmark