

5th International Workshop on
SEMS'18
Software Engineering Methods in Spreadsheets

<http://sems2018.ist.tugraz.at/>

October 1st, 2018, Lisbon, Portugal

Co-located with the 2018 IEEE Symposium on Visual Languages
and Human-Centric Computing (VL/HCC)

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 and practitioners 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, where people from industry can report on problems and challenges they face
- Refactoring techniques
- Fault localization and correction techniques
- Automatic structure detection
- Tool demos

Important Dates

- Paper submission: July 13th, 2018
- Authors notification: August 3rd, 2018
- Camera ready version: August 17th, 2018
- Workshop day: October 1st, 2018

Submissions

We welcome full research papers (max. 8 pages), work-in-progress (max. 4 pages) and experience reports (max. 4 pages) written in English and prepared using the IEEE conference paper format.

<https://easychair.org/conferences/?conf=sems18>

Workshop Format

All accepted papers will be presented during the workshop. There will be extra time to discuss the problems and challenges that have been reported in the industrial experience reports and to develop/propose solutions. Furthermore, the SEMS program will include a general discussion session that aims to identify further research directions.

Proceedings

The accepted papers will be made available on arXiv.

Program Committee

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