A newly introduced Industry Voice Column

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We are proud to announce a new column for the journal that is about to start with this very issue, where a first paper is included. We have started it, because we think modeling is an essential part of modern software and systems development processes. It is used in a variety of ways including informal design sketches, the basis of system analysis such as security and safety, and as a basis for industrializing software production from models.

The science of software and systems modeling has been developed from the earliest days of software engineering when it was realized that abstraction is a fundamental tool for system design. Modeling research has matured through the development of many well-defined theories and notations, and is well served in terms of prominent conferences and journals including SoSyM.

The application of modeling within industry is now widespread and has developed through the application of research results and as a result of standardization efforts, most notably the UML notation. Industrial model based development promises a great deal in terms of the increase of system quality while at the same time reducing the cost of system development. However, many challenges remain to be addressed by the research community.

The SoSyM Industry Voice aims to provide a regular update on the application and challenges of model-based approaches to system development in industry. It provides researchers with a valuable resource of information about modeling success stories, standardization updates, and specific technology requirements that can be used to scope the research agenda. It is a regular SoSyM column (approx. 2–5 pages). The column solicits contributions in the following areas:

- Industrial case studies and experience reports
- News from standards organizations
- Industrial strategies for deployment of model-based approaches
- Commercial and professional aspects of model-based engineering
- Vision statements by industrial thought leaders and evangelists
- Industrial input to the model-based research agenda
- Historical perspectives on model-based approaches.

The quality of an Industry Voice article will be reviewed against the following criteria:

- Industrial Relevance: it should address some aspect of modeling as used in industry.
- Timeliness: there should be something leading edge about the article or some other factor that makes it relevant to current industrial practice.
- Scope: the article should address issues of relevance to SoSyM and fall into one of the broad areas listed above.

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- Accessibility: the article should be readable by the general SoSyM academic researcher and industrial practitioner.

1 Instructions to authors

The SoSyM Industry Voice Column aims to provide a high quality and timely mechanism for modeling issues of industrial relevance to be brought to the attention of the SoSyM community. Authors are invited to submit short articles (approx. 2–5 pages) that address issues of relevance to industry and which fall into one of the broad areas listed above.

Submissions must not be simultaneously submitted in the same form to other journals or conferences. The style of submissions may be in the form of overviews, tutorials, or opinions. Submission reviews will be undertaken by members of the SoSyM Editorial Board against the criteria of industrial relevance, timeliness, scope, and accessibility.

Prepare your submission with Word or LaTeX using Word and LaTeX templates. Use font Times New Roman with a font size no smaller than 11 pt and with 1.5 line spacing. Formats should be one of the following:

- Microsoft Word (.DOC without macros)
- Rich Text Format (.RTF)
- Post Script (.PS)
- Adobe Acrobat (.PDF): Version 6.0 files must be saved as readable in Version 5.0. Refer to your Adobe documentation.

- LaTeX: Convert to .PS file or PDF before upload.
- Tagged Image File Format (.TIF)
- Encapsulated PostScript (.EPS): Always include/embed all fonts.

Submit your work online using manuscript central:

- In step 1, select Industry Voice as the manuscript type and select Dr. Bernhard Rumpe as the Editor-in-Chief (EIC).
- In step 4, add your preferred IVE (see below).

The Industry Voice Column aims to achieve a delay of no longer than 6 months from final submission to on-line publication. If you have any questions about the Industry Voice Column, please contact the Industry Voice Editors (IVE).

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SoSyM is starting its new column with the industry voice "Improving Engineering Efficiency with PLM/ALM" by the author Christof Ebert.