Technical Track on Software Process and Product Improvement (SPPI)

The size, complexity, and criticality of software-intensive systems require innovative and economic approaches to development and evolution. In today's competitive world, software quality is a key to success and stability of organizations. Software process and product improvement (SPPI) aims at significantly increasing both the quality of software-intensive systems and the productivity of software development.

The SPPI track will bring together researchers and practitioners to share SPPI innovations and experiences. The track is an integral part of the 41st Euromicro Conference on Software Engineering and Advanced Applications (SEAA) 2015.

Suggested topics of interest include, but are not restricted to:

- Organizational and business views on process improvement
- Value-based software engineering
- Global software engineering
- Quality assurance, inspections, testing
- Software process improvement and process standards
- Process modeling, composition, and enactment
- Process simulation
- Product management
- Quantitative models for development processes and products
- Dependability, safety, security, or usability
- Open source software and software quality
- Agile and lean development
- Software reuse, product lines, and software ecosystems
- Innovative approaches to software development
- Software evolution
- Empirical studies and experimental approaches

In particular, we encourage submissions demonstrating the benefits or limitations of SPPI approaches through case studies, experiments, and quantitative data.

SUBMISSIONS & PUBLISHING
SEAA 2015 encourages the submission of full and short research papers and experience reports. Full research papers must contain original unpublished work, describe significant novel contributions, and provide evidence on the validation of results. In particular, reports on industrial applications are welcome.

CPS, Conference Publishing Services, publishes the SEAA Proceedings (submitted for ISI indexing), submitted to the IEEE Xplore Digital Library.

The SEAA conference will also provide best papers awards.

Authors of best papers will be invited to revise and re-submit an extended version of the papers for publication in the Special Section on “Advanced Applications in IT” in the Springer Software Quality Journal.

All information about the various calls can be found at http://euromicro.org/seaa/

Submissions will be handled via EasyChair: https://easychair.org/conferences/?conf=seaa2015

Also join the LinkedIn Group for updates: www.linkedin.com/groups?home=&gid=4205536