To consider families of software-intensive systems as a conceptual whole rather than treating each system individually has been suggested a long time ago. Based on this idea, Software Product Lines (SPLs) (e.g., with systematic reuse and actively managed sets of features) promise considerable benefits when creating and maintaining software-intensive systems such as increased productivity and reduced time-to-market. SPLs have been successfully applied in many industrial domains. Despite these promising results many challenges remain, in particular when SPLs are applied in industrial projects of realistic scale and complexity, when SPLs are part of larger systems-of-systems or when SPLs expand beyond organizational boundaries and transition to software ecosystems.

The track on Software Product Lines and Software Ecosystems at SEAA 2015 aims at bringing together researchers and practitioners to discuss, address, and overcome current issues in Software Product Line Engineering and Software Ecosystems. By combining perspectives from both research and industrial practice we aim to address scientific problems of practical relevance and realistic complexity.

SPLSeco welcomes original unpublished work related to Software Product Lines, Software Ecosystems as well as System of Systems and Ultra-large Scale Systems. In particular, we encourage research papers based on industrial experience and empirical studies. Topics include, but are not limited to:

- Requirements engineering for SPLs and Software Ecosystems
- Architectural approaches to SPLs and Software Ecosystems
- Modelling SPLs and Software Ecosystems
- Collaborative and distributed SPLs, Software Ecosystems
- Business and economic aspects of SPLs and Software Ecosystems
- Contractual and legal matters in SPLs and Software Ecosystems
- Development processes for SPLs and Software Ecosystems
- Scalability and complexity of SPLs and Software Ecosystems
- Handling of Non-functional Properties and software quality in SPLs and Software Ecosystems
- Migration towards systematic approaches, reverse engineering and mining of legacy systems
- Evolution and change
- Variability-aware techniques, e.g., for verification
- Runtime-variability, dynamic SPLs, variability in adaptive systems
- Integration of heterogeneous approaches, languages and techniques

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 Full research papers must contain original unpublished work, describe significant novel contributions, and provide evidence on the validation of results.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