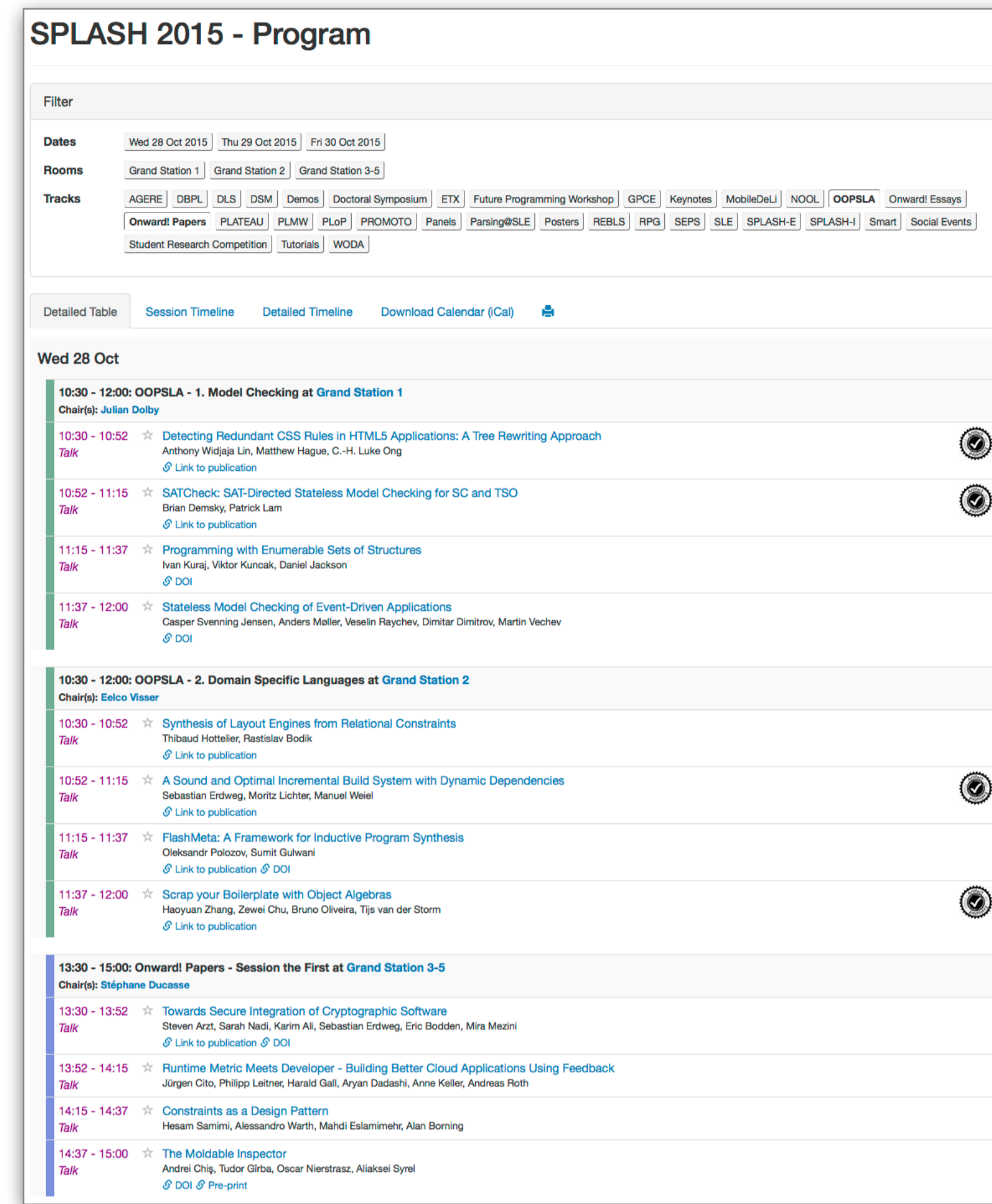
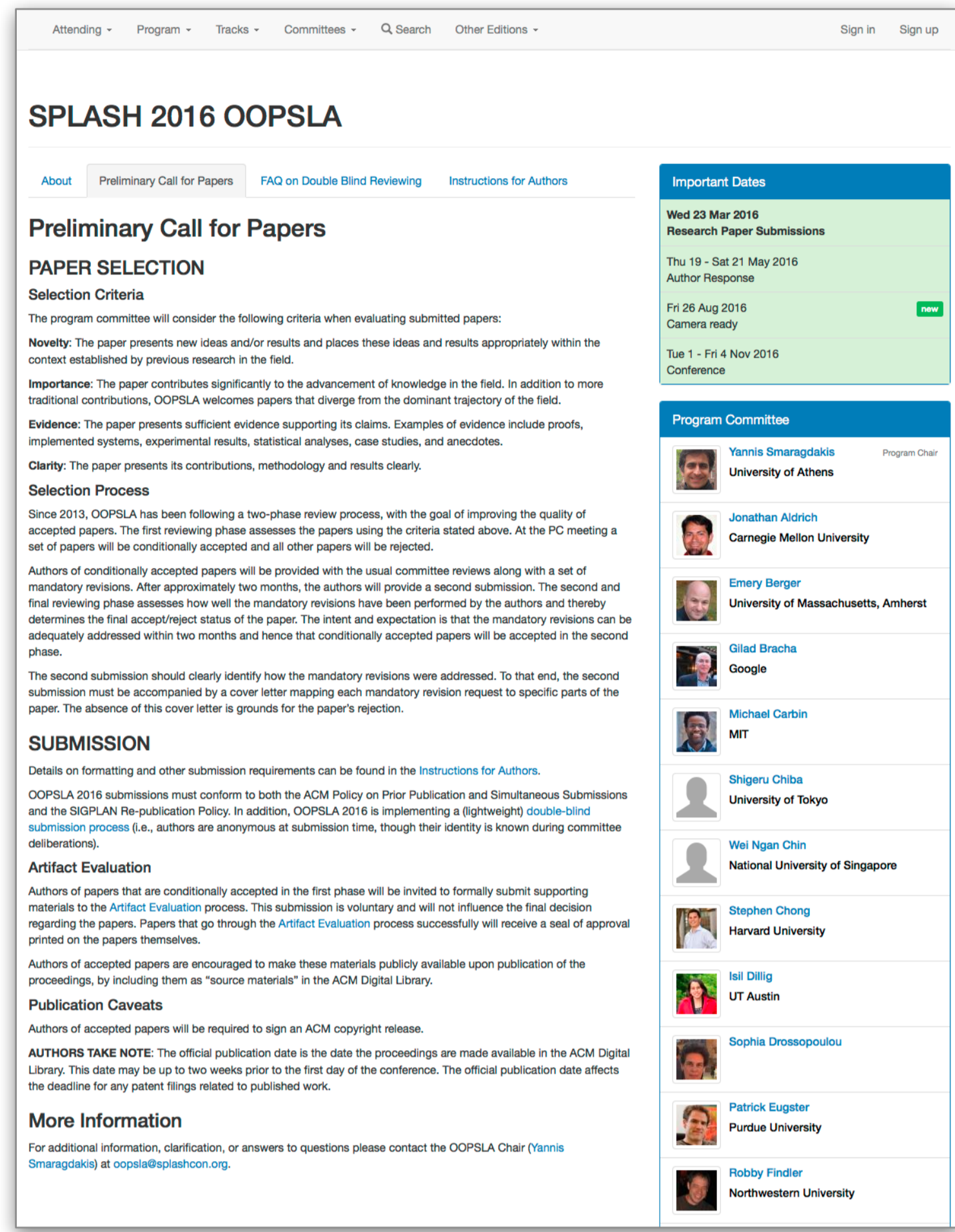
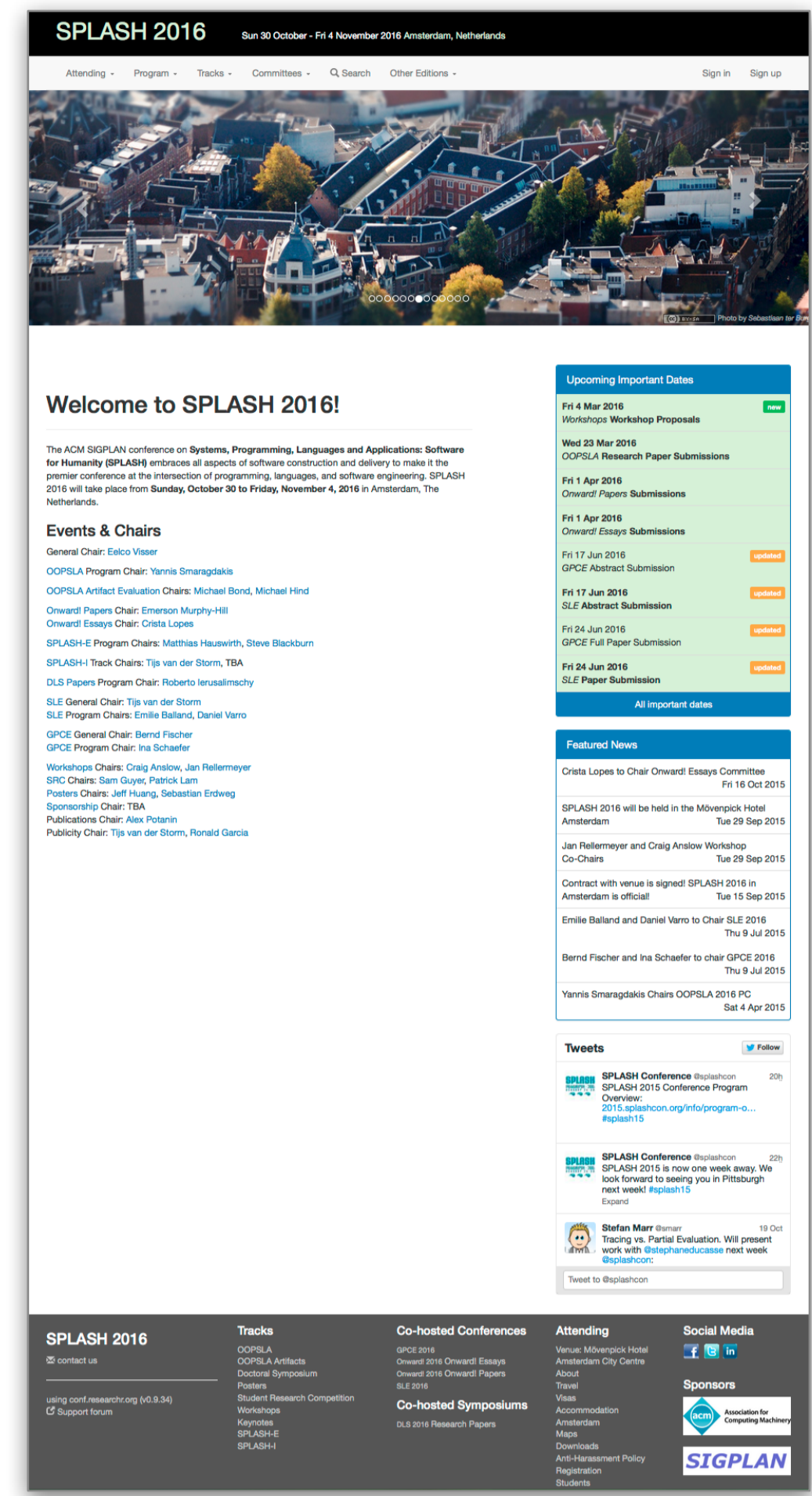


# Conf.Researchr.Org: A Domain-Specific Content Management System for Large Conference Websites

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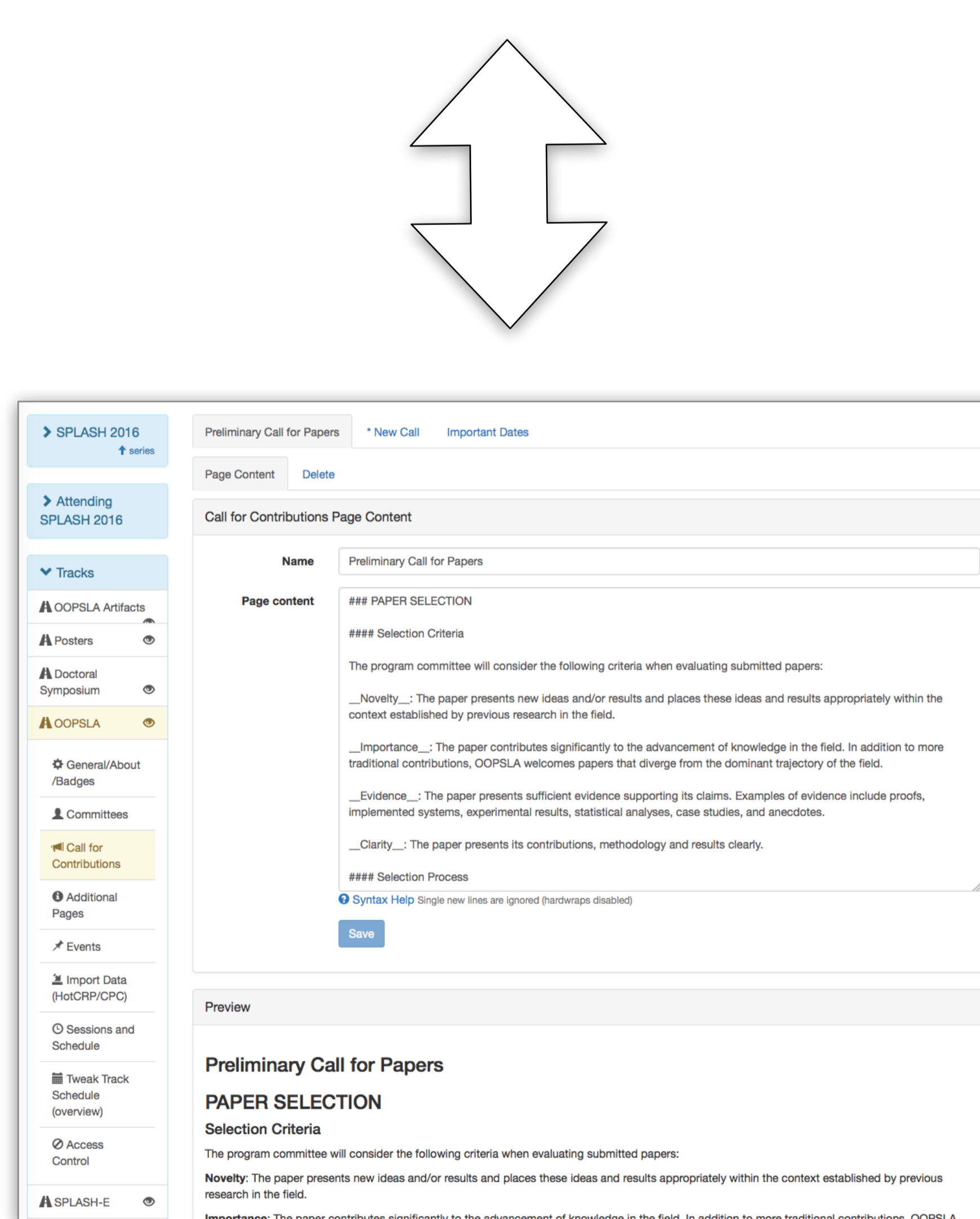
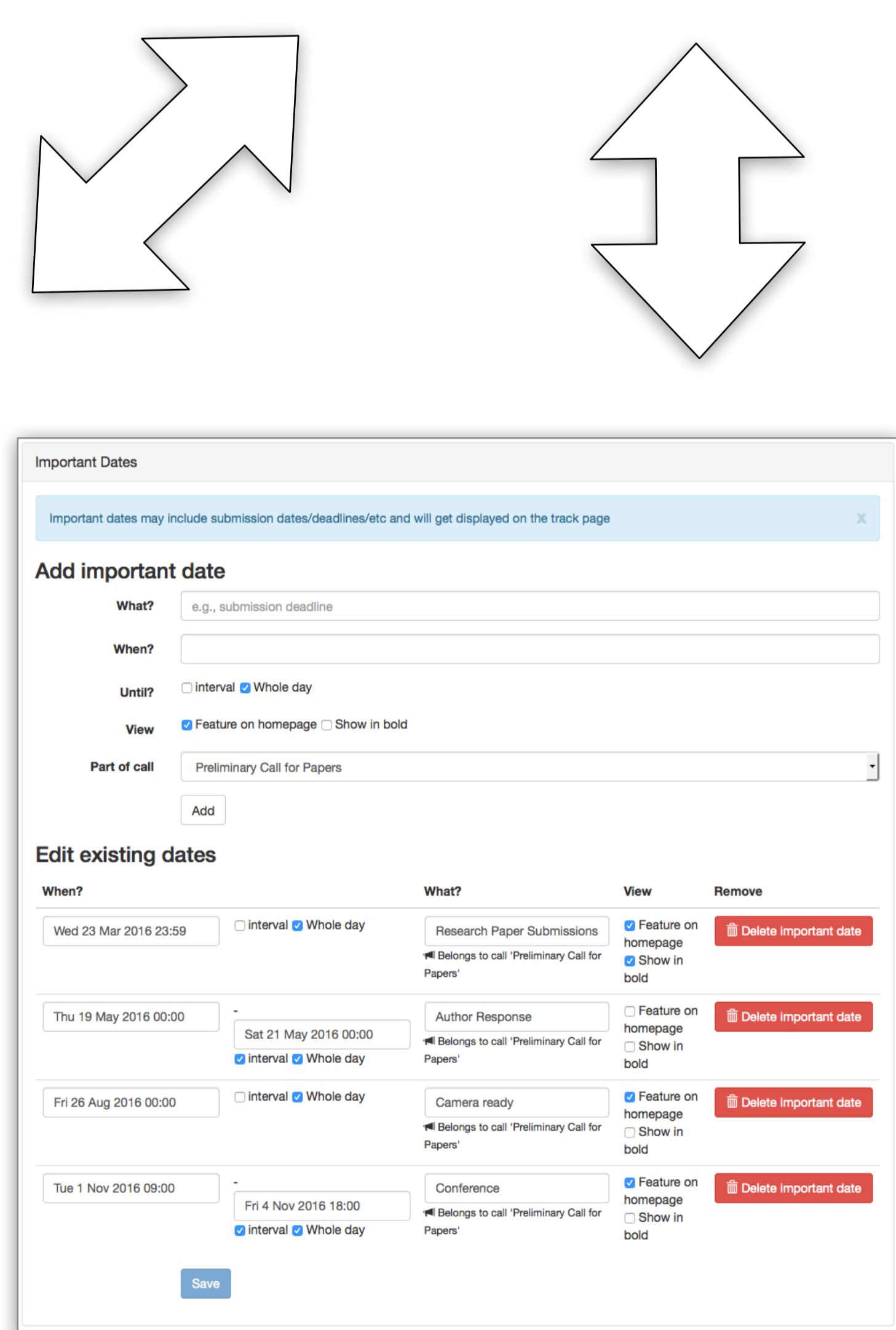
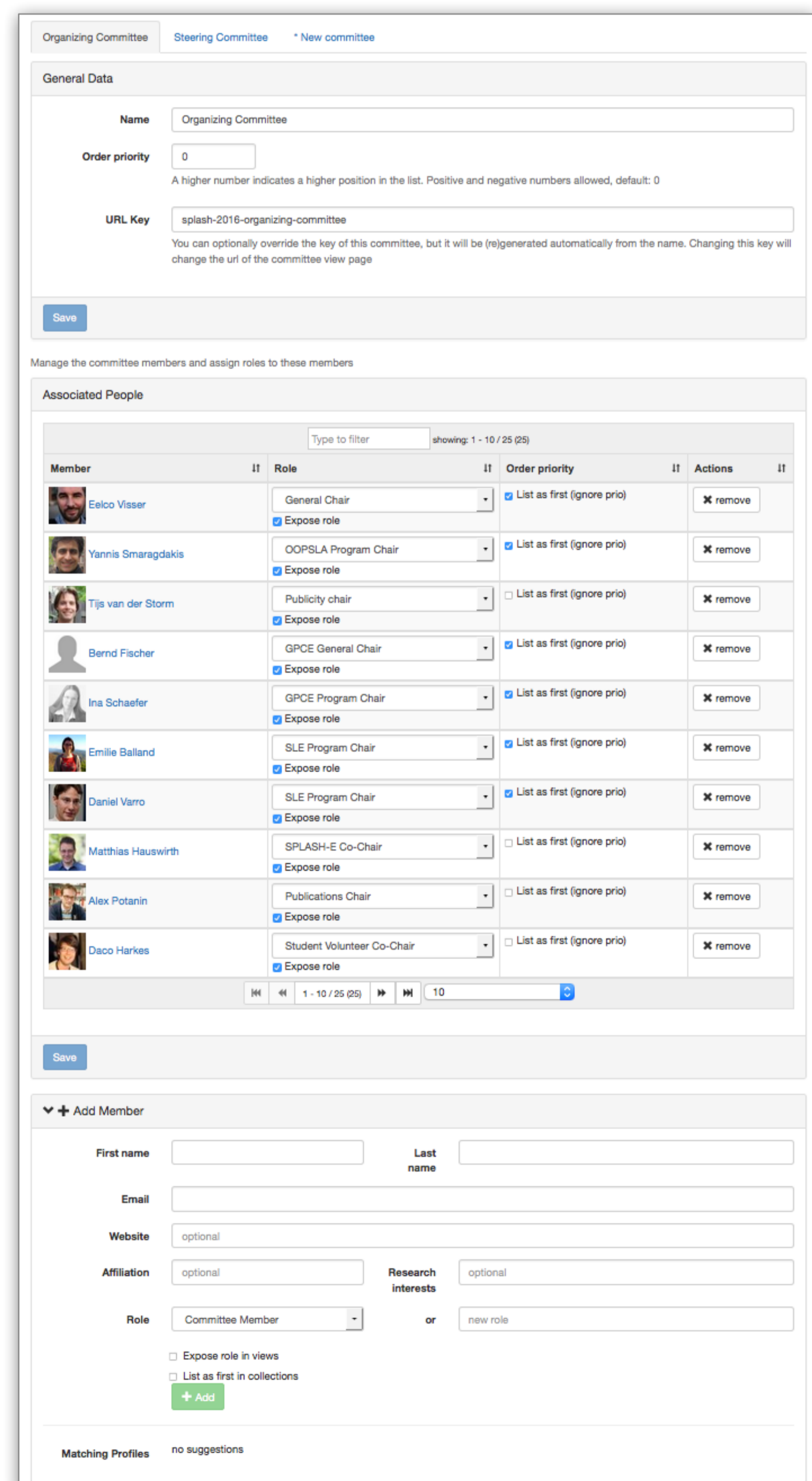
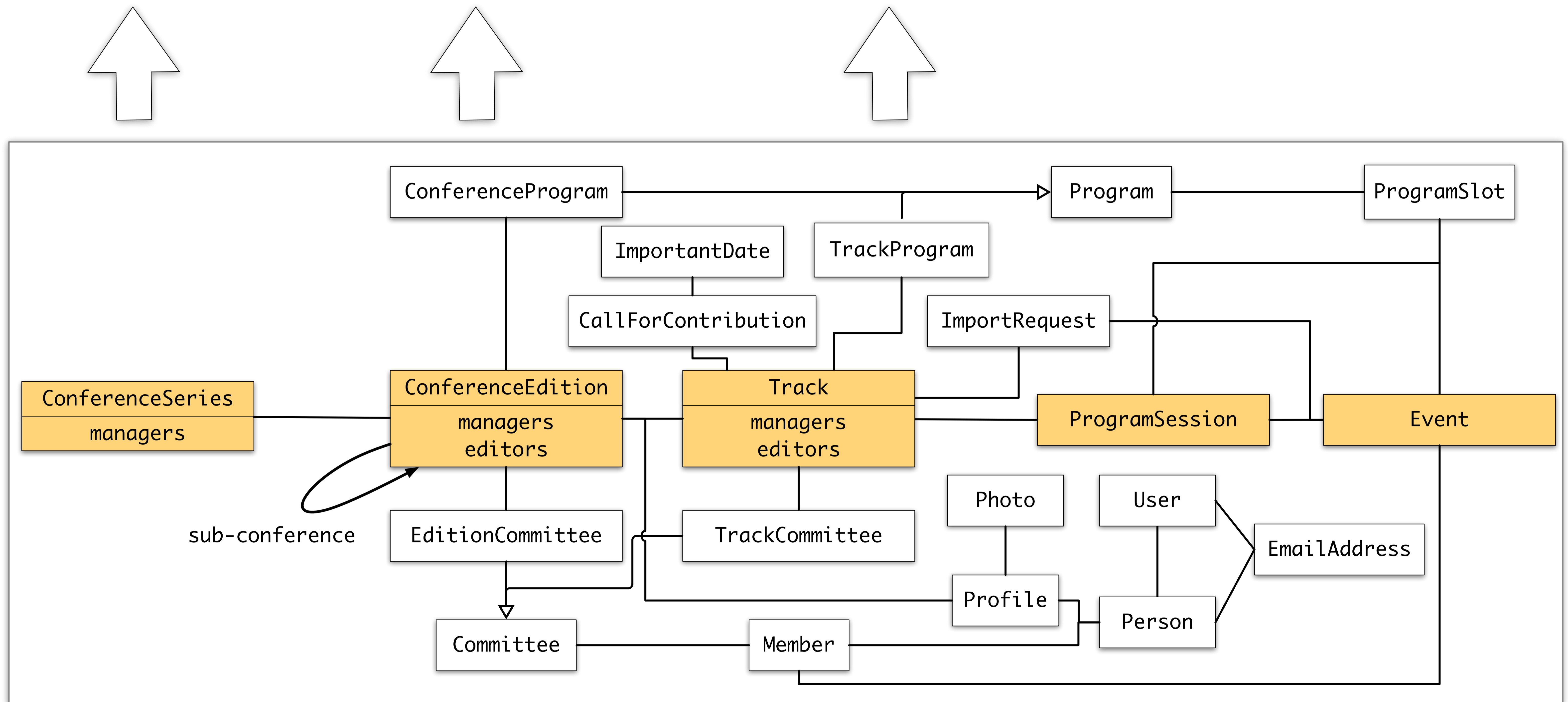


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Federated conferences such as SPLASH are complex organizations composed of many parts (co-located conferences, symposia, and workshops), and are put together by many people and committees.

Developing the website for such a conference requires a considerable effort, and is often reinvented for each edition of a conference using software that provides little to no support for the domain.

Conf.Researchr.Org is a domain-specific content management system developed to support the production of large conference websites. It is used for the federated conferences of ACM SIGPLAN.



The conference management system is developed using **WebDSL**, a domain-specific programming language for the development of data rich web applications that integrates sub-languages for data modeling, a template language, access control rules, data validation, and full text search

- D. M. Groenewegen and E. Visser. Declarative access control for WebDSL: Combining language integration and separation of concerns. In *ICWE*, pages 175–188, 2008.

- E. van Chastelet. A domain-specific language for internal site search. Master's thesis, Delft University of Technology, 2013.

- E. Visser. WebDSL: A case study in domain-specific language engineering. In *GTTSE*, pages 291–373, 2007.

