



co-located with ESEC/FSE 2011

10-12 September, 2011 - Szeged, Hungary

[www.ssbse.org](http://www.ssbse.org)



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## ABOUT THE SYMPOSIUM

We are pleased to announce SSBSE 2011, the third edition of the annual symposium dedicated to Search Based Software Engineering (SBSE). The symposium builds on the flourishing interest in SBSE and provides a welcoming forum for discussion and dissemination that will strengthen the rapidly-growing international SBSE community. SSBSE 2011 is co-located with ESEC/FSE in Szeged, Hungary, [2011.esec-fse.org](http://2011.esec-fse.org).

## CALL FOR PAPERS

We invite the submission of high quality papers describing original and significant work in all areas of Search Based Software Engineering, including theoretical work, research on SBSE applications, empirical studies, and reports on industrial experience. Applications may be drawn from throughout the software engineering lifecycle. Search methods may include, but are not limited to, operations research techniques and optimisation methods inspired by nature, such as evolutionary algorithms and simulated annealing. We particularly encourage papers that describe software engineering applications to which SBSE has not previously been applied.

## FORMAT AND SUBMISSION

Papers must not have been previously published, or be in consideration for, any journal, book, or other conference. Papers will be evaluated by members of the program committee based on their originality, technical soundness and presentation quality. Submissions must conform to Springer's LNCS format ([www.springer.com/lncs](http://www.springer.com/lncs)) and should not exceed 15 pages, including all text, figures, references and appendices. If the paper is accepted, at least one author is expected to attend the symposium and to present the paper. Further information on paper formatting and submission is available from the symposium website, [www.ssbse.org](http://www.ssbse.org).

## GRADUATE STUDENT TRACK

We also invite papers for a special Graduate Student track that will provide a venue for students to showcase their SBSE research and to receive feedback from senior members of the SBSE community. Papers submitted to this track should be no more than 6 pages in length using the regular symposium format. To be eligible, a student must be registered on a doctoral or masters programme and must not yet have completed their studies. It is the expectation that the student will give the presentation at the symposium, though there may be other authors on the paper.

## FAST ABSTRACTS

Fast abstracts feature novel ideas that are not yet fully developed or validated. Fast abstract have a later deadline than technical papers, and are subject to a lighter reviewing process. Fast abstracts should comprise no more than 6 pages using the regular symposium format. Accepted fast abstracts will be presented at the symposium and published on the symposium website.

## SPECIAL ISSUE

The authors of selected symposium papers that include significant experimental work will be invited to submit extended versions of their papers for a special issue of Empirical Software Engineering (EMSE), [www.springer.com/computer/swe/journal/10664](http://www.springer.com/computer/swe/journal/10664).

## KEYNOTES

We are delighted to announce our keynote speakers:

- Darrell Whitley (Uni of Colorado) *Promoting Shared Subsolutions for Better Recombination*
- Andreas Zeller (Saarland University) *Search Based Program Analysis*

## IMPORTANT DATES

### FULL PAPERS & GRADUATE STUDENT TRACK

Abstract submission	15 April 2011
Full paper submission	29 April 2011
Notification	17 June 2011
Camera Ready	1 July 2011

### FAST ABSTRACTS

Submission	22 July 2011
Notification	29 July 2011



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