



#### Important Dates:



Abstracts

Apr7: Full papers  
May14: Notification  
Jun14: Camera ready

May21: Short Papers  
May21: Student papers  
May21: Challenge track  
Jun07: Notifications

#### Keynotes:

Myra Cohen (University of Nebraska-Lincoln, USA)

Joachim Wegener (Berner & Mattner Systemtechnik GmbH, Germany)

#### Organisation:

##### General Chair:

Lars Grunske, (Humboldt U. Berlin, Germany)

##### Program co-chairs:

Justyna Petke, UCL, UK  
Tim Menzies, NC State, USA

##### Graduate student track:

Claire Le Goues, CMU, USA

##### Challenge track co-Chairs

Tanja E.J. Vos, OU, NL  
David R. White, UCL, UK

##### Local arrangement:

Uwe Pohlmann,  
U. Paderborn

##### Proceedings:

Sinem Getir, U. Stuttgart

##### Publicity + Web:

G. Gay, U. Sth Carolina, USA  
Matheus Paixao UCL, UK

## Call for Papers

SSBSE 2017 is the ninth edition of the annual symposium dedicated to Search Based Software Engineering. SBSE studies the application of meta-heuristic optimization techniques to various software engineering problems, ranging from requirements engineering to software testing and maintenance. The symposium provides a welcoming forum for discussion and dissemination that will strengthen the rapidly-growing international SBSE community.

Research papers must have up to 15 pages in length, including all text, figures, references, and appendices. For all other papers, submissions should not exceed 6 pages in length (using the regular symposium format).

**Research Paper:** We invite submissions of high quality papers describing novel and original work in all areas of SBSE including, but not limited to:

- Applications of SBSE to novel problems,
- Theoretical analyses of search algorithms for software engineering,
- Rigorous empirical evaluations of SBSE techniques,
- Reports of industrial experiences.

**Short Papers:** We also invite short papers presenting new ideas, tools, experience reports, or novel techniques and ideas, which will be included in the proceedings and presented at the symposium.

**Student Papers:** This track gives students the opportunity to showcase their SBSE research and receive feedback from senior members of the SBSE community. To be eligible, papers should be primarily the work of students that have not yet completed their studies. The paper may have co-authors who are not students but the student author is expected to present the paper at the symposium.

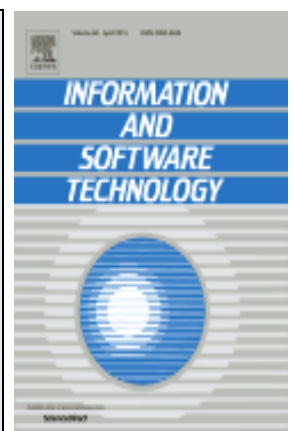
**Challenge Papers:** We challenge you to apply your SBSE expertise to do interesting things to, or with, the software and uncover interesting things related to it. The best competition entries will be awarded special prizes. More details about the track will be announced on the website.

#### OTHER CALLS

**Journal publication:** Following from the conference, a selection of best papers will be invited to submit extended versions for tentative publication in a Special Section of the journal of Information and Software Technology published by Elsevier  
<http://www.elsevier.com/locate/infsof>.

**Tutorials:** 2 page proposals for 1 hour tutorials covering state-of-the-art SBSE methods. Proposals must describe what will be presented and why this might be of interest to this community. Proposals will be selected on their novelty, technical content, track record of the presenter and, ideally, degree of interactivity with the audience.

**Transfer talks:** Invited talks from authors publishing innovative work relevant to SBSE, originally presented at other forums. To nominate speakers for such talks, please email [ssbse2017@easychair.org](mailto:ssbse2017@easychair.org).





tutorials