StuConOS 2013

Important Dates

Paper submission:
19 April 2013

Notification to authors:
31 May 2013

Camera ready due:
7 June 2013

Conference:
25-26 June 2013

Keynote Speaker

Nikolai Tillmann – *Microsoft*

Organisation Chairs

General Chair
Mark Harman – *UCL*

Programme Chair
Yuanyuan Zhang – *UCL*

Industrial Chair
Dean Mohamedally –*UCL*

Local Arrangements Chair
Lena Hierl - *UCL*

Programme Committee

Kelly Androutsopoulos – *UCL*
Giuliano Antoniol - *Ecole Polytechnique de Montréal*
Andrea Arcuri - *Simula*
Paul Baker - *Visa*
Edmund Burke - *University of Stirling*
Francisco Chicano - *University of Málaga*
David Clark - *UCL*
John A Clark - *University of York*
Myra B Cohen - *University of Nebraska-Lincoln*
Massimiliano Di Penta - *University of Sannio*
Nicolas Gold - *UCL*
Wolfgang Grieskamp – *Google*
Rob Hierons – *Brunel University*
Jens Krinke - *UCL*
Kiran Lakhotia – *UCL*
Emmanuel Letier - *UCL*
Leandro L Minku – *University of Birmingham*
Robert Nilsson – *Google*
Mel Ó Cinnéide – *University College Dublin*
Justyna Petke - *UCL*
Simon Poulding - *University of York*
Brian P Robinson – *ABB*
Federica Sarro - *UCL*
Saurabh Sinha – *IBM*
Jerffeson Teixeira de Souza - *State University of Ceará*
Nikolai Tillmann - *Microsoft*
David R White – *University of Glasgow*
Junchao Xiao - *Chinese Academy of Sciences*
Shin Yoo - *UCL*

The **StuConOS** conference is aimed at current undergraduate and master students in the UK. The conference will give students a chance to submit their work and to have this reviewed by a programme committee of experts. **We interpret the word "optimisation" in its very broad sense: anything that improves (in any way) software or the process of making it.** It will give students an initial taste of research work and a chance to publish and discuss their ideas with experts. The programme committee will review the submissions and decide on those to be accepted and the prizes to be awarded. All authors will receive feedback on their work and those accepted for the conference will be published in a printed proceedings & online available and presented (by one of the authors) at the conference.

There will be prizes for the best three papers submitted in the form of a gold, silver and bronze medal which will be accompanied by a gift of **£300**, **£200** and **£100** respectively.

Two forms of submission will be considered:
1. Research papers: These can be up to 4 pages in length, including references and should describe the design, implementation and results obtained from an approach to software optimisation. Research papers will be reviewed for the originality of the ideas and the rigour of the evaluation and results presented as well as the overall writing style and exposition of related work. Papers must be written in English, and should be formatted according to the ACM authoring guidelines (http://www.acm.org/sigs/publications/proceedings-templates).

All papers should include at least the following: abstract, introduction, related work from the literature, conclusions and references. Advice on Search Based Optimisation research can be found in this paper:

Mark Harman, Phil McMinn, Jerffeson Teixeira de Souza and Shin Yoo.
Search Based Software Engineering: Techniques, Taxonomy, Tutorial.
In Empirical software engineering and verification: LASER 2009-2010,
Editors: Bertrand Meyer and Martin Nordio.
Published by Springer and available at http://www.cs.ucl.ac.uk/staff/mharman/laser.pdf
This advice might be helpful in preparing the paper.

2. Poster: a poster should describe novel or interesting ideas or preliminary results of software optimisation. The authors will present the core aspects of your research in an informal setting at the conference. Poster must be of A0 size (portrait or landscape).

All submissions should be entirely the work of the authors and not have appeared as a formal publication in any previous form. However, students may use material (text, figures, ideas, and evaluation results) from their project or course work if they wish.

Students may work individually or in teams. All those who contribute to the work must be listed as authors (with their affiliations and email addresses), and all those listed as authors should also have made a non-trivial contribution to the work reported in the paper. One of the author should be identified as the "corresponding author" who will also be one to present the work at the conference should it be accepted.

EPSRC UCL CREST