

Call For Papers — VASE 2009

Workshop on Visual Analytics in Software Engineering

Co-located with with the 24th IEEE/ACM International Conference on Automated Software Engineering (ASE 2009)
Auckland, New Zealand, Nov. 16-20, 2009

Overview

The fields of information visualisation and visual analytics have provided a rich source of techniques and tools for exploring complex information spaces. Automated software engineering creates or involves the handling of complex information spaces, and this workshop will look at the role that visualisation and visual analytics has to play in supporting automated software engineering.

As an example of this, researchers are currently developing novel methods, algorithms, and techniques to visualise multiple types and sets of artifacts. This goes beyond just looking at source code, but also visualising and analysing other documents, meta-data, or repository data for diverse, complex, and large-scale software applications.

There are a number of challenges facing both information visualisation and visual analytics, and this workshop will provide the opportunity for researchers to come together and discuss the impact of these challenges on specifically supporting aspects of automated software engineering. Stemming from this, the workshop will provide the opportunity to propose and discuss a roadmap for future solutions to these challenges, and areas for collaboration.

Workshop Format

We intend to structure the workshop around paper presentations and group discussion.

Paper presentations will consist of research result paper submissions and position paper submissions. The former will be cover existing research and the presentation of research results. The latter will provide opportunities for new research to be discussed at an early stage, collaborations formed between attendees, and the presentation of opinion pieces on matters relevant to the workshop topic.

The workshop will incorporate multiple group discussions during the day, and facilitate the informal exchange of views and the creation of collaboration networks.

Topics of Interest

We invite novel contributions on any topics in advanced information visualisation techniques and visual analytics relating to (but not limited to)

- Empirical software engineering
- Program understanding
- Software architecture and design
- Testing, verification, and validation
- Component-based systems
- Ontologies and methodologies
- Human-computer interaction
- Software metrics

Submission of papers will be via EasyChair at *link to be confirmed*.

Publication

The organisers will publish a proceedings for the workshop via a technical report hosted by Victoria University of Wellington. Accepted papers may be published at future conferences, although we will not accept papers already accepted (or under review) at other conferences.

Important Dates

1. **April 20th:** call for papers
2. **July 31st:** workshop paper submission
3. **August 31st:** workshop paper notification
4. **November 16th or 17th:** workshop

Programme Committee

- James Noble, Victoria University of Wellington
- Stuart Marshall, Victoria University of Wellington
- Craig Anslow, Victoria University of Wellington
- Stuart Charters, Lincoln University
- Jens Dietrich, Massey University
- *more to be added later*

Organisers

- Stuart Marshall, Victoria University of Wellington
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- Jens Dietrich, Massey University