

Evaluation: How Much Evaluation is Enough? IEEE VIS 2013 Panel

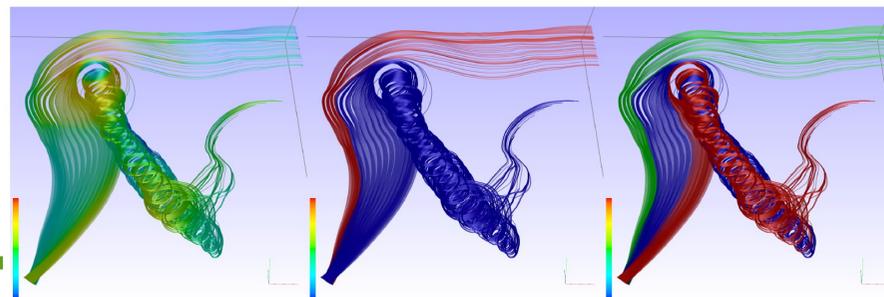
Min Chen, Oxford University, UK

David Ebert, Purdue University, US

Brian Fisher, Simon Fraser University, Canada,

Robert S. Laramée, Swansea University, UK

Tamara Munzner, University of British Columbia, Canada



Evaluation: How Much Is Enough? -Motivation

Evaluation is critical

Many different ways:

performance-based e.g., speed/memory,

human-centered e.g., user-studies, domain expert feedback

The review process itself is a type of evaluation

Inadequate evaluation? → paper non-acceptance

Is there any consensus on appropriate evaluation?

Evaluation: Questions

- What is most appropriate way to evaluate a visualization?
- To what extent should a piece of visualization work be evaluated prior to publication?
- When presenting a new visualization approach, what proportion of a paper should be dedicated to evaluation?
- Does evaluation have to be done as last phase of a waterfall model for visualization?
- What constitutes a convincing evaluation?
- When is a user-study an appropriate form of evaluation?
- How much responsibility lies with the reviewers to evaluate a piece of visualization work?

Panel Logistics

- Each panelist presents 5-10 minutes
- + 30 - 55 minutes interactive discussion
- + summary view from each panelist – 2 minutes
- Alphabetical order:

Chen

Ebert

Fisher

Munzner

EuroVis 2014 | The Eurogr. x
 eurovis.swansea.ac.uk
 Diese Seite ist auf Englisch Soll sie übersetzt werden? Nein Übersetzen Englisch nie übersetzen Optionen x

EuroVis 2014

The Eurographics Conference on Visualization
 9-13 June 2014,
 Swansea, South Wales, UK

Prifysgol Abertawe
 Swansea University

- Home
- News
- Call for Participation
- Important Dates
- Committees
- Invited Speakers
- Author Guidelines
- Submission Guidelines
- Registration
- Venue
- Travel
- Accommodation
- Tourist Information
- Previous EuroVis Events
- Sponsors
- Contact

Welcome

EuroVis 2014, hosted by Swansea University in the UK, is the 16th annual visualization gathering organized by the Eurographics Working Group on Data Visualization and supported by the IEEE Visualization and Graphics Technical Committee (IEEE VGTC). EuroVis has been a Eurographics and IEEE co-supported international visualization symposium held in Europe annually since 1999. Since 2012 EuroVis is a conference.

The exciting and vibrant field of Visualization is an increasingly important research area due to its wide range of applications in many disciplines. In general, our ability to collect, store, and archive data vastly exceeds our ability derive useful knowledge and insight from it. This is a ubiquitous problem. Data visualization is key in gaining an understanding large, complex data sets by exploiting the human visual system. Data visualization leverages computer graphics in order to provide a visual overview, explore, analyze, and present phenomena which is often difficult to understand.

The objective of EuroVis is to foster greater exchange between visualization researchers and practitioners, and to draw more researchers and industry partners in Europe to enter this rapidly growing area of research. EuroVis has an expanded scope to include all areas of visualization, and a steadily more wide-spread visibility that achieves a more wide-spread impact.

EuroVis papers are published as a special issue of Computer Graphics Forum, (CGF) the International Journal of the Eurographics Association, using a two-stage review process.

The main conference is preceded by Workshops such as EuroVA 2012, the 5th international EuroVis Workshop on Visual Analytics, which will be held in the same location on June 9 and 10, 2012. Other closely related workshops will also be held.

New to EuroVis 2014

STARS

For the first time in 2014, EuroVis also features a survey paper track (also known as State-of-the-Art Report, STAR) which aims to foster an overview presentation of a particular sub-field of data visualization. STAR papers will be electronically archived and are fully citeable publications which will undergo a one-stage peer-review process by an international program committee. A selection of STAR submissions will be invited for a subsequent submission to the CGF journal. Details will be posted on the web site.

Short Paper Acceptance

Short papers will feature two acceptance categories: accept for oral presentation and accept as poster presentation. This way, more presenters will have the opportunity to showcase their work.

Follow us:

f t

Gold Sponsors

Knowledge Transfer Network
 Electronics, Sensors, Photonics

Harwell Imaging Partnership
 Science & Technology Partners Council

we predict

Grid-tools
 QUALITY FOR PURPOSE

Silver Sponsors

RIVIC
 Research Institute of Visual Information Computing

In Cooperation with

Prifysgol Abertawe
 Swansea University

EG

Robert S. Laramee
 r.s.laramee@swansea.ac.uk

Computer Science
 Iddor Cyfrifiadur