

Big Data Visual and Immersive Analytics

4th International Symposium BDVA
University of Konstanz, Germany
October 17-19, 2018

#BDVA2018

<http://bdva.net>

DESCRIPTION

Visual Analytics plays a major role in the analysis and decision-making processes for science, industry, and government organisations.

Immersive Analytics combines the well-established field of Visual Analytics with Virtual and Augmented Reality to empower multi-sensory experiences.

Recent immersive technologies bring promising opportunities to interact with Big Data, coming from geo-science, biomedical applications, collective behaviour, text mining, crime analysis, among others. This symposium will bring together experts from those diverse areas, discussing novel ideas and opportunities of Big Data Visual and Immersive Analytics.

IMPORTANT DATES

- 25 Mar 2018 - Workshop proposal deadline
- 24 Jun 2018 - Submission of regular papers closes
- 22 Apr 2018 - Notification of workshop acceptance
- 26 Aug 2018 - Notification of regular paper acceptance
- 02 Sep 2018 - Submission of poster/demo abstracts closes
- 23 Sep 2018 - Notification of poster/demo acceptance

ORGANISATION

General Chair

- Falk Schreiber, University of Konstanz, Germany

Program Chairs

- M. Eduard Gröller, TU Wien, Austria
- Kim Marriott, Monash University, Australia

Organising Chairs

- Alexandra Diehl, University of Konstanz, Germany
- Björn Sommer, University of Konstanz, Germany

SCOPE

The symposium will accept a range of manuscript types, including methods, systems, applications, evaluation techniques and theoretical work in the area of Immersive Analytics and Visual Analytics of Big Data. The scientific scope of the symposium includes, but is not limited to:

- Immersive Analytics
- Foundations of Immersive Analytics
- Immersive Storytelling
- Scalable Visual Analytics
- Virtual and Augmented Reality for Analytics
- Visual Analytics of High-dimensional Data
- Big Data Management, Transformation, and Presentation
- Machine Learning and Data Mining for Big Data Visual Analytics
- Analytical Reasoning and Sense-making on Big Data
- Human-Computer Interaction on Big Data
 - Volunteer Geographic Information
 - High Performance Computing for Visualisation
 - Context-driven User Querying
 - Semantics-driven Visual Analytics

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