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4th International Symposium on Big Data Visual and Immersive Analytics (BDVA 2018)
Call for Posters, Konstanz, Germany - October 17th to October 19th 2018
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The BDVA 2018 Symposium is calling for contributions in the area of Visual Analytics and Immersive Analytics of Big Data. Submit your work and be part of a vibrant venue that will bring together an exciting programme with internationally renowned keynote speakers, special sessions, and workshops: <http://bdva.net>

Visual Analytics plays a major role in the analysis and decision-making processes for science, industry, and government organisations. It is one of the best ways we have for making sense of large and complex data sets. Reflecting its history of encouraging research into less-traditional approaches to visual analytics, this year BDVA has broadened scope to include the emerging field of Immersive Analytics. Immersive Analytics aims to support data understanding and decision making everywhere and by everyone, working individually or collaboratively. It aims to make embodied tools that are intuitive, engaging, and make the best possible use of all sensory channels. This may be achieved through the use of immersive virtual environment technologies, natural interfaces or responsive analytics, but is not tied to the use of any particular technology. Immersive Analytics brings promising opportunities to interact with Big Data coming from geo-science, biomedical applications, collective behaviour, text mining, crime analysis, among other application domains.

Symposium topics include but are not limited to:

- Theoretical Foundations of Immersive Analytics
- Immersive Storytelling
- Collaborative Visual and Immersive Analytics
- Personalized Visual and Immersive Analytics
- Use of Mixed Reality for Analytics including Situated Analytics
- Visual, Audio, Haptic, and Multisensory Data Presentation including Data Physicalization
- Human-Computer Interaction including Use of Natural Interfaces for Analytics
- Analytical Reasoning and Sense-making of Big or Complex Data
- Scalable Visual and Immersive Analytics including HPC for Visualisation
- Responsive Analytic Algorithms for Interactive Data Exploration
- Big Data Management, Transformation, and Presentation
- Context-Semantics-driven Visual and Immersive Analytics
- Processes & Tools for Building Visual and Immersive Analytics Applications
- Applications and Case Studies

Poster Submission Instructions

Authors are invited to submit poster papers that report work in progress, explore new problem areas, and new angles on existing work of known approaches. In addition to every poster, a two-page summary (one additional page for references) of the work has to be submitted. Please use the VGTC conference template (<http://junctionpublishing.org/vgtc/Tasks/camera.html>) for the summary paper. The posters themselves have no predefined format. Dimensions of the posters must be A0 (841mm x

1189mm / 33.1" x 46.8"), and only portrait format is acceptable. Posters are not archival publications. The two-page summary papers will be distributed to the conference attendees on a USB flash drive. Authors whose posters are accepted to the conference will be asked to revise the poster and the summary paper according to the reviewer comments. The poster itself needs to be brought to the poster session of the conference, and at least one presenter per poster has to attend the conference.

Please submit your abstracts and manuscripts here:
<https://easychair.org/conferences/?conf=bdva2018>

Important Dates

Submission of poster abstracts closes:	September 9, 2018
Notification of poster abstracts acceptance:	September 16, 2018
Submission of camera-ready poster papers:	September 30, 2018

Poster Chair

Johanna Schmidt, AIT Austrian Institute of Technology GmbH, Austria

General Chair

Falk Schreiber, University of Konstanz, Germany

Program Chairs

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

Program Committee

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Maxime Cordeil, Monash University
Tim Dwyer, Monash University
Niklas Elmqvist, University of Maryland
Ulrich Engelke, CSIRO
Martin Falk, Linköping University
Carla Freitas, Federal University of Rio Grande do Sul
Issei Fujishiro, Keio University
Hans-Christian Hege, Zuse Institute Berlin
Nathalie Henry-Riche, Microsoft
Marcel Hlawatsch, University of Stuttgart
Tony Huang Swinburne, University of Technology
Daniel Keim, University of Konstanz
Andreas Kerren, Linnaeus University
Jinman Kim, The University of Sydney
Karsten Klein, University of Konstanz
Søren Knudsen, University of Calgary

Steffen Koch, University of Ulm
Nils Kriege, TU Dortmund
Michael Krone, University of Tübingen
Bongshin Lee, Microsoft
Kwan-Liu Ma, University of California, Davis
G.Elisabeta Marai, University of Illinois at Chicago
Kresimir Matkovic, VRVis Research Center
Frank Maurer, University of Calgary
Quang Vinh Nguyen, Western Sydney University
Aruquia Peixoto, CEFET/RJ
Jonathan Roberts, Bangor University
Bahador Saket, Georgia Institute of Technology
Dieter Schmalstieg, Graz University of Technology
Heidrun Schumann, University of Rostock
Shigeo Takahashi, University of Aizu
Bruce Thomas, University of South Australia
Manuela Waldner, Vienna University of Technology
Yingcai Wu, Zhejiang University
Anders Ynnerman, Linköping University
Kang Zhang, The University of Texas at Dallas

Organising Chairs

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

Publicity Chair

Alfie Abdul-Rahman, King's College London, UK