



Big Data Visualization and Analytics

**A Special Track of the
11th International Symposium on Visual Computing (ISVC'15)**

<http://www.isvc.net>

December 14-16, 2015, Las Vegas, Nevada, USA

Scope:

This special track is to serve as an international forum for experts from both academia and industry to present their latest research findings, ideas, developments and applications in big data visualization and analytics. The big data phenomenon has emerged as a result of vast amounts of data that are becoming available across a wide range of application domains across science, business, and government. Research on big data visualization and analytics will be necessary for serving scientists, engineers, educators, citizens and decision-makers who have unprecedented amounts and types of data available to them. We invite submission of papers describing innovative research on all aspects of big data visualization and analytics.

Topics:

Topics of interest include, but are not limited to the following areas:

- Big data visualization
- Large data set processing for visual computing
- Visual big data analytics
- Scientific and information visualization
- Image processing and computer vision
- High-resolution displays and virtual environments
- Big data analytics in energy systems/smart grids, cyber-physical systems, mobile networks, Internet of Things, transportation systems, sensor networks, etc.
- Big data stream modeling and analytics
- Big data and cloud computing, large scale stream processing on the cloud
- Autonomous, online, incremental learning for big data
- High dimensional data, feature selection, feature transformation for big data
- Scalable algorithms, kernel methods and statistical learning theory for big data

Paper Submission Procedure:

Papers submitted to ISVC 2015 Special Track must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed **12 pages**, including figures and tables (see <http://www.isvc.net> for details). All papers accepted will appear in the symposium proceedings which will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series.



Important Dates:

Paper submissions	August 21, 2015
Notification of acceptance	September 23, 2015
Final camera ready paper	October 20, 2015
Advance Registration	October 20, 2015
ISVC 15 Symposium	December 14-16, 2015

Journal Special Issue:

Authors of the best papers presented in this ISVC 2015 Special Track will be invited to submit an extended version to the journal “International Journal of Big Data Intelligence” published by Inderscience Publishers (see <http://www.inderscience.com/info/ingeneral/cfp.php?id=3042>).

International Journal of

Big Data Intelligence



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