

2016 Workshop on Immersive Analytics (IA 2016)

**Greenville, South Carolina, USA
20 March 2016**



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Sunday, March 20th, 2016

Room: Dogwood

<http://ieeever.org/2016/program/program-overview/>

Session 1 (105 mins)

1:45pm: Welcome (5 mins)

1:50pm Keynote (Chris North): 40 mins talk + 10 mins questions

2:40pm Papers Session 1 (50 mins)

Session Chair: Wolfgang Stuerzlinger

2:40pm: Ken Nagao, Yucong Ye, Chuan Wang, Issei Fujishiro and Kwan-Liu Ma

Enabling Interactive Scientific Data Visualization and Analysis with See-Through HMDs and a Large Tiled Display 1

2:50pm: Thomas Geymayer and Dieter Schmalstieg.

Collaborative Distributed Cognition Using A Seamless Desktop Infrastructure 7

3:00pm: Nicholas Polys

Immersive Analytics: Crossing the Gulfs with High-Performance Visualization 13

3:10pm: Nicholas Brunhart-Lupo, Brian Bush, Kenny Gruchalla and Steve Smith.

Simulation Exploration through Immersive Parallel Planes 19

3:20pm: Aidong Lu, Jian Huang, Shaoting Zhang, Chuang Wang and Weichao Wang.

Towards Mobile Immersive Analysis: A Study of Applications 25

3:30pm poster (1 minute lightning talk)

Thai Phan, David Krum and Mark Bolas.

ShodanVR: Immersive Visualization of Text Records from the Shodan Database 31

3:35pm Break

Session 2 (90 mins)

4:00pm Papers Session 2: 50 min

Session Chair: Nicholas Polys

4:00pm: Xin Chen, Jessica Zeitz Self, Leanna House and Chris North.
Be the Data: A New Approach for Immersive Analytics 32

4:10pm: Chad Steed, Jamison Daniel, Margaret Drouhard, Steven Hahn and Thomas Proffen.

Immersive Visual Analytics for Transformative Neutron Scattering Science 38

4:20pm: Richard Hackathorn and Todd Margolis.
Immersive Analytics: Building Virtual Data Worlds for Collaborative
Decision Support 44

4:30pm: Mikael Trellet, Nicolas FÃrey, Marc Baaden and Patrick
Bourdout.
Interactive Visual Analytics of Molecular Data in Immersive
Environments via a Semantic Definition of the Content and the Context 48

4:40pm: G.Elisabeta Marai, Angus Forbes and Andrew Johnson.
Interdisciplinary Immersive Analytics at the Electronic Visualization
Laboratory: Lessons Learned and Upcoming Challenges 54

4:50pm Roundtable Discussion: 40 mins

5:30pm Closing Remarks