Hypertext'14 Workshop

Data Visualization Workshop (DataWiz 2014)

Welcome to DataWiz 2014, the 1st workshop on Data Visualization, one of the satellite events of the 25th ACM Hypertext conference, that is a premium venue for high quality peer-reviewed research on hypertext theory, systems and applications.

DataWiz aims at bringing together an interdisciplinary audience (e.g. computer and cognitive scientists, designers, data journalists), in order to discuss tools, models and metaphors useful to understand and explain input or output data through advanced graphical user interfaces.

In fact, interacting with data by means of intriguing visual representations, that can eventually be accessed from the Web, is a fundamental approach to accurately present scientific findings in an appealing way. The aim is to leave to the observer (likely an expert of the domain) the task of exploring complex phenomena, without the pain of dealing with issues such as data complexity and overload of information. This workshop focuses on both scientific and information visualization, with the aim of discussing of best practices and innovative approaches.

12 papers out 17 submissions were accepted for 20 minutes presentations; the morning session will open with the invited speech of Everardo Reyes-Garcia, whose contribution is included in the proceedings as well.

All papers were initially assigned to be reviewed by three members of the PC. Final decision on borderline papers was made on meta-reviews written by the PC chairs. Thanks to their effort, the program includes lots of exciting ideas that we can't wait to share with you in our full-day workshop that will be held in Santiago, on September 1st.

We thank all participants of the workshop for their contributions and the organizers of the Hypertext 2014 conference for their support. We hope that you will find this program interesting and thought-provoking and that the workshop will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world. We are looking forward to a very exciting and interesting workshop.

Martina Deplano

University of Turin

Turin, Italy

André Panisson

ISI Foundation

Turin, Italy

Giancarlo Ruffo

University of Turin

Turin, Italy

Program
(accepted papers in authors' names alphabetic order)

Cazabet Remy and Takeda Hideaki, *A Visualization Platform For Exploring Cooperation*

Celestini Alessandro, Di Marco Antonio and Totano Giuseppe, *A Data Extraction and Visualization Framework for Information Retrieval Systems*

Ferrara Emilio, De Meo Pasquale, Catanese Salvatore and Fiumara Giacomo, *Visualizing criminal networks reconstructed from mobile phone records*

Graves Alvaro and Bustos-Jiménez Javier, *Towards Visual Overviews for Open Government Data*

Honaker James and D'Orazio Vito, *Statistical Modeling by Gesture: A graphical, browser-based statistical interface for data repositories*

Honorato Johanna, Cypriano Lucas, Goveia Fabio and Carreira Lia, *The color of the street: color as images visualization parameters of twitter pictures from Brazilians Manifestations of 2013*

Medeiros Jean Maicon, Regattieri Lorena and Malini Fabio Luiz, *The use of modularity algorithms as part of the conceptualization of the perspectival form in large networks*

Móro Róbert, Daráž Jakub and Bielikova Maria, *Visualization of Gaze Tracking Data for UX Testing on the Web*

Regattieri Lorena, Chartier Ryan, Windsor Jennifer and Rockwell Geoffrey, *TweetViz: Following Twitter Hashtags to Support Storytelling in Data journalism*

Regattieri Lorena, Goveia Fabio, Herkenhoff Gabriel and Malini Fabio Luiz, *MarcoCivil: Visualizing the Civil Rights Framework for the Internet in Brazil*

Reyes-Garcia Everardo, *Explorations in Media Visualization*

Safi Waseem, *Blind Browsing on Hand-Held Devices: Touching the Web... to Understand it Better*

Yousuf Bilal and Conlan Owen, *Constructing Narrative Visualizations as a means of Increasing Learner Engagement*

DataWiz 2014 Program Committee

Luca Maria Aiello (Yahoo! Research, Spain)

Sebastiano Battiato (University of Catania, Italy)

Federica Cena (University of Turin, Italy)

Giovanni Luca Ciampaglia (Indiana University, USA)

Emilio Ferrara (Indiana University, USA)

Bruno Gonçalves (Aix-Marseille Université, France)

Fabio Malini (Universidade Federal do Espírito Santo, Brasil)

Marco Quaggiotto (ISI Foundation, Italy)

Everardo Reyes García (Université Paris 13, France)

Rossano Schifanella (University of Turin, Italy)

Marcella Tambuscio (University of Turin, Italy)

Lilian Weng (Indiana University, USA)