

Enrico Bertini

Curriculum Vitae

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Dep. of Computer Science and Engineering
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Current Position

Assistant Professor.

Research Interests

Visual Analytics, Information Visualization, Visual Knowledge Discovery, High-Dimensional Data Analysis, Visualization Design and Evaluation.

Education

2006 Ph.D. in Computer Engineering, Sapienza University of Rome
2002 Laurea (M.Sc.) in Computer Engineering, Sapienza University of Rome
1994 Classical High School Graduation, Istituto "Villa Flaminia", Rome, Italy

Professional Experience

2012-Today Assistant Professor, CSE, NYU Tandon School of Engineering, Brooklyn, NY
2009-2012 Post-Doctoral Research Fellow, University of Konstanz, Germany
2009-2011 Member of the INCIDE Center, University of Konstanz, Germany
2006-2009 Post-Doctoral Research Fellow, University of Fribourg, Switzerland
2002-2006 Ph.D. Candidate, Sapienza University of Rome

Awards

2016 - Best Paper Award: Honorable Mention, ACM CHI Conference on Human Factors in Computing Systems (CHI), San Jose, CA, USA.
2015 - Winner, World Humanitarian Summit Data Challenge.
2013 - Best Paper Award: Honorable Mention, ACM CHI Conference on Human Factors in Computing Systems (CHI), Paris, France.
2011 - Best Paper Award: Honorable Mention, IEEE Symposium on Biological Data Visualization(BioVis), Providence, RI, USA.
2011 - VAST Challenge: Grand Challenge Award. IEEE Conference on Visual Analytics Science and Technology (VAST Challenge 2011), Providence, RI, USA.

Grants

Awarded

2016 Knight Foundation Prototype Fund: "*RevEx: A Data Visualization Tool To Find Stories in Millions of Internet Reviews*" Enrico Bertini (PI), US\$35,000
2016 Pacific Northwest National Laboratory Contract: "*Visual Analytixcs for Data Streaming (Analysis In Motion Initiative)*" Enrico Bertini (PI), US\$107,436.00
2015-2017 MacArthur Foundation Grant: "*Data Visualization for Human Rights Advocacy*" Margaret Satterthwaite (PI), Enrico Bertini (co-PI), David Sontag (co-PI), US\$250,000
2014-2015 AIG Contract: "*Data Visualization for Sensemaking and Knowledge Discovery in Health Claim Analytics*" Enrico Bertini (PI), David Sontag (co-PI), US\$100,000
2013-2014 Seed Grant NYU/NYU-Poly: "*Data Visualization for Human Rights*" Enrico Bertini (PI), Margaret Sattartwaithe (co-PI), Oded Nov (co-PI) US\$100,000
2011-2013 DFG (German Research Foundation): SteerSCiVA: "*Visual Analytics methods to steer the subspace clustering process*" Enrico Bertini (PI), Thomas Seidl (co-PI), 273.240 Euro
2011-2013 SNSF (Swiss National Foundation): "*Humanitics: Visualizing migration flows and their development in time*" Denis Lalanne (PI), Enrico Bertini (co-PI), 113.576 Swiss Francs
2009-2011 SNSF (Swiss National Science Foundation): "*Humanitics: Visual Analytics for All*" Denis Lalanne (PI), Enrico Bertini (co-PI), 96.568 Swiss Francs

Invited Talks and Panels

03/2016	Invited Talk at Tapestry Conference on Visual Storytelling (Estes Park, CO, USA)
12/2015	Invited Talk at BlackRock (New York, NY, USA)
11/2015	Invited Talk at AMIA Workshop on Data Mining for Medical Informatics (San Francisco, CA, USA)
06/2015	Invited Talk at NASA JPL (Pasadena, CA, USA)
05/2015	Invited Panelist for Data Visualization Panel at Metis (New York, NY, USA)
05/2015	Invited Talk at Mechanized Images for Human Eyes at Shenkar University (Tel Aviv, Israel)
05/2015	Invited Talk at AIG (New York, NY, USA)
04/2015	Invited Talk at Tansley Workshop on Information Visualisation for Science and Policy (Ascot, UK)
03/2015	Invited Talk at CUNY Graduate School (New York, NY, USA)
11/2014	Invited Talk at NYC Data Visualization Meetup (New York, NY, USA)
10/2014	Invited Talk at University of Miami (Miami, FL, USA)
05/2014	Invited Talk at CCICADA Rutgers University (Brunswick, New Jersey, USA)
04/2014	Keynote NYU Center of Data Science Showcase (New York, NY, USA)
01/2014	Invited Talk at UMass Lowell (Lowell, USA)
11/2013	Invited Talk Data Visualization Workshop at IBM Watson (Yorktown Heights, NY, USA)
06/2013	Keynote 4th Workshop on Interactive Data Visualization (Rio De Janeiro, Brazil)
05/2013	Invited Talk United Technologies Research Center (Hartford, CT, USA)
05/2013	Moderator for panel on Big Data at German Center for Research and Innovation (New York, NY, USA)
04/2012	Invited Talk University of Rostock (Rostock, Germany)
04/2012	Invited Talk NYU-Poly (New York, NY, USA)
04/2012	Invited Talk University of Utah (Salt Lake City, UT, USA)
03/2012	Invited Talk University of Notre Dame (Notre Dame, IN, USA)
12/2011	Invited Talk DBTA Workshop on Information Visualisation (Zurich, Switzerland)
06/2011	Invited Talk Visualizing.org Workshop Visualizing Europe (Brussels, Belgium)
04/2011	Keynote International Development Research Center (Ottawa, Canada)
03/2011	Invited Talk UMass Lowell (Lowell, MA, USA)
08/2009	Invited Talk Visual Analytics Center (VAC) Consortium Meeting at PNNL (Richland, WS, USA)
08/2009	University of Konstanz (Konstanz, Germany)
12/2005	University of Fribourg (Fribourg, Switzerland)
07/2005	SAP Research (Palo Alto, CA, USA)

Teaching

2016	Information Visualization (Spring), NYU School of Engineering
2015	Information Visualization (Fall), NYU School of Engineering
2015	Information Visualization (Spring), NYU School of Engineering
2014	Human-Computer Interaction (Fall), NYU-Poly
2014	Information Visualization (Spring), NYU-Poly
2013	Visual Analytics (Fall), NYU-Poly
2013	Information Visualization (Spring), NYU-Poly
2012	Applied Visual Analytics, University of Konstanz
2011	Applied Visual Analytics, University of Konstanz
2011	High-Resolution Applications for the Powerwall, University of Konstanz
2010	Information Visualization, University of Konstanz

Scientific Community Service

Program Committee Membership

IEEE InfoVis	(2012, 2013, 2014, 2016)
IEEE VAST	(2010, 2011, 2012, 2014, 2015)
EG/IEEE Euro-Vis	(2011, 2012, 2013)
IEEE BioVis	(2012, 2013)
ACM AVI	(2010, 2012)

Editor

2016	Co-Editor Special Issue on Visualization in Big Data Journal
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Conference Organization

2016	VIS 2016, Workshop Co-Chair
2016	EuroVis, Short Paper Co-Chair
2015	VIS 2015, Poster Co-Chair
2015	EuroVis, Short Paper Co-Chair
2015	EuroVA, Conference Co-Chair
2014	VIS 2014, Poster Co-Chair
2013	VIS 2013, Publicity Co-Chair
2012	VisWeek 2012, Publicity Co-Chair
2011	VisWeek 2011, Workshop Co-Chair
2010	VisWeek 2010, Workshop Co-Chair

Workshop and Panel Organization

2014	IEEE VIS Workshop on "Visualization for Predictive Analytics"	[with A. Perer, R. Maciejewski, J. Sun]
2012	IEEE VIS Panel on "Reproducible Visualization Research"	[with T. Munzner, C. Sheidegger, G. Kindlmann]
2012	BELIV IEEE VIS Workshop	[with P. Isenberg, T. Isenberg, H. Lam, A. Perer]
2010	BELIV ACM CHI Workshop	[with Heidi Lam, A. Perer]
2008	BELIV ACM CHI Workshop	[with A. Perer, C. Plaisant, G. Santucci]
2006	BELIV SIGCHI AVI Workshop	[with C. Plaisant, G. Santucci]

Reviewing

TVCG	Transaction on Visualization and Computer Graphics (TVCG)
IVS	Information Visualization Journal (IVS)
IJHCS	International Journal of Human-Computer Studies (IJHCS)
InfoVis	IEEE InfoVis (2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015)
VAST	IEEE VAST (2009, 2010, 2011, 2012, 2014, 2015)
EuroVis	Eurographics/IEEE EuroVis (2010, 2011, 2012, 2013)
AVI	ACM AVI (2008, 2010, 2012)
BioVis	IEEE BioVis (2011, 2012, 2013)

Scientific Dissemination

Founder and co-host (with Moritz Stefaner) of Data Stories, a popular podcast on data analysis, communication, and visualization (~8000 listeners per episode).

Supervision and Mentoring

PhD Students

Current Students

2014-today	Cristian Felix Da Silva
2013-today	Josua Kruse
2013-today	Anshul Pandey
2013-today	Jay Koven (co-advised with Prof. Memon)

Past Students

2009-2013	PhD Advisor of Andrada Tatu, Univ. of Konstanz Thesis Topic: <i>Visual Analytics of Patterns in High-Dimensional Data</i> Co-advised with Prof. D. Keim
2008-2013	PhD advisor of Ilya Boyandin, Univ. of Fribourg Thesis Topic: <i>Visualization of Temporal Origin-Destination Data</i> Co-advised with: Dr. D. Lalanne

Master Students

- 2012 Master thesis advisor of Fabian Maaß, Univ. of Konstanz
Topic: *Visual analytics for subspace search in high-dimensional data*
- 2010 Master thesis advisor of Stefan Moritz Koch, Univ. of Konstanz
Topic: *Spatio-temporal visualization for territorial market analysis*
- 2007 Master thesis advisor of Lawrence Michel, Univ. of Fribourg
Topic: *Web-based visualization of Swiss Post logistics*
- 2005 Master thesis advisor of Luigi dell'Aquila, Sapienza Univ. of Rome
Topic: *Visualization techniques for multidimensional data visualization*

Publications

Journals

- [1] Aritra Dasgupta, Jorge Poco, Yaxing Wei, Robert Cook, Enrico Bertini, and Claudio Silva. Bridging Theory with Practice: An Exploratory Study of Visualization Use and Design for Climate Model Comparison. *IEEE Transaction on Visualization and Computer Graphics*, 21(9):996–1014, 2015.
- [2] Jeremy Boy, Ronald Rensink, Enrico Bertini, and J Fekete. A Principled Way of Assessing Visualization Literacy. *IEEE Transaction on Visualization and Computer Graphics (Proc. of InfoVis)*, 20(12):1963–1972, 2014.
- [3] Johannes Fuchs, Petra Isenberg, Anastasia Bezerianos, Fabian Fischer, and Enrico Bertini. The Influence of Contour on Similarity Perception of Star Glyphs. *IEEE Transaction on Visualization and Computer Graphics (Proc. of InfoVis)*, 20(12):2251–2260, 2014.
- [4] Josua Krause, Adam Perer, and Enrico Bertini. INFUSE: Interactive Feature Selection for Predictive Modeling of High Dimensional Data. *IEEE Transaction on Visualization and Computer Graphics (Proc. of VAST)*, 20(12):1614–1623, 2014.
- [5] Anshul Vikram Pandey, Oded Nov, Anjali Manivannan, Margaret Satterthwaite, and Enrico Bertini. The Persuasive Power of Data Visualization. *IEEE Transaction on Visualization and Computer Graphics (Proc. of InfoVis)*, 20(12):2211–2220, 2014.
- [6] Jorge Poco, Aritra Dasgupta, Yaxing Wei, William Hargrove, Christopher Schwalm, Robert Cook, Enrico Bertini, and Claudio Silva. SimilarityExplorer: A Visual Inter-Comparison Tool for Multifaceted Climate Data. *Eurographics/IEEE Computer Graphics Forum (Proc. of EuroVis)*, 33(3):341–350, 2014.
- [7] Jorge Poco, Aritra Dasgupta, Yaxing Wei, William Hargrove, Christopher R Schwalm, Deborah N Huntzinger, Robert Cook, Enrico Bertini, and Cláudio T Silva. Visual Reconciliation of Alternative Similarity Spaces in Climate Modeling. *IEEE Transaction on Visualization and Computer Graphics (Proc. of VAST)*, 20(12):1923–1932, 2014.
- [8] Enrico Bertini, Hendrik Strobel, Joachim Braun, Oliver Deussen, Ulrich Groth, Thomas U Mayer, and Dorit Merhof. HiTSEE: A Visualization Tool for Hit Selection and Analysis in High-Throughput Screening Experiments for KNIME Platform. *BMC Bioinformatics*, 13(Suppl 8):S4, 2012.
- [9] Ilya Boyandin, Enrico Bertini, and Denis Lalanne. A Qualitative Study on the Exploration of Temporal Changes in Flow Maps with Animation and Small-Multiples. *Eurographics/IEEE Computer Graphics Forum (Proc. of EuroVis)*, 31(3pt2):1005–1014, 2012.
- [10] Heidi Lam, Enrico Bertini, Petra Isenberg, Catherine Plaisant, and Sheelagh Carpendale. Empirical studies in information visualization: Seven scenarios. *IEEE Transactions on Visualization and Computer Graphics*, 18(9):1520–1536, 2012.
- [11] Enrico Bertini, Andrada Tatu, and Daniel Keim. Quality Metrics in High-Dimensional Data Visualization: An Overview and Systematization. *IEEE Transaction on Visualization and Computer Graphics (Proc. of InfoVis)*, 17(12):2203–2212, 2011.
- [12] Ilya Boyandin, Enrico Bertini, Peter Bak, and Denis Lalanne. Flowstrates: An Approach for Visual Exploration of Temporal Origin-Destination Data. *Eurographics/IEEE Computer Graphics Forum (Proc. of EuroVis)*, 30(3):971–980, 2011.
- [13] Milos Krstajić, Enrico Bertini, and Daniel Keim. CloudLines: Compact Display of Event Episodes in Multiple Time-Series. *IEEE Transaction on Visualization and Computer Graphics (Proc. of InfoVis)*, 17(12):2432–2439, 2011.
- [14] Enrico Bertini and Denis Lalanne. Investigating and Reflecting on the Integration of Automatic Data Analysis and Visualization in Knowledge Discovery. *SIGKDD Explorations (Special Issue on Visual Analytics and Knowledge Discovery)*, 11(2):9–18, 2010.

- [15] Enrico Bertini, Tiziana Catarci, Alan Dix, Silvia Gabrielli, Stephen Kimani, and Giuseppe Santucci. Appropriating Heuristic Evaluation Methods for Mobile Computing. *International Journal of Mobile Human Computer Interaction*, 1(1):20–41, 2009.
- [16] Enrico Bertini, Maurizio Rigamonti, and Denis Lalanne. Extended Excentric Labeling. *Eurographics/IEEE Computer Graphics Forum (Proc. of EuroVis)*, 28(3):927–934, 2009.
- [17] C. Batini, E. Bertini, M. Comerio, A. Maurino, and G. Santucci. Visual Languages and Quality Evaluation in Multichannel Adaptive Information Systems. *Journal of Visual Languages and Computing*, 18(5):513–522, 2007.
- [18] Enrico Bertini and Giuseppe Santucci. Give Chance a Chance: Modeling Density to Enhance Scatter Plot Quality through Random Data Sampling. *Information Visualization*, 5(2):95–110, 2006.

Refereed Conferences

- [19] Anshul Kikram Pandey, Krause Josua, Cristian Felix Da Silva, Jeremy Boy, and Enrico Bertini. Towards Understanding Human Similarity Perception in the Analysis of Large Sets of Scatter Plots. In *Proc. of ACM CHI Conference on Human Factors in Computing Systems (CHI)*, volume [Best Paper Award: Honorable Mention], 2016.
- [20] Cristian Felix Da Silva, Anshul Kikram Pandey, and Enrico Bertini. RevEx: Visual Investigative Journalism with A Million Healthcare Reviews. In *Proc. of Computation+Journalism Symposium (CJ)*, 2015.
- [21] Anshul Vikram Pandey, Katharina Rall, Margaret Sattarthwaite, and Enrico Bertini. How Deceptive are Deceptive Visualizations?: An Empirical Analysis of Common Distortion Techniques. In *Proc. of ACM CHI Conference on Human Factors in Computing Systems (CHI)*, 2015.
- [22] Johannes Fuchs, Fabian Fischer, Florian Mansmann, Enrico Bertini, and Petra Isenberg. Evaluation of alternative glyph designs for time series data in a small multiple setting. In *Proc. of ACM CHI Conference on Human Factors in Computing Systems (CHI)*, volume [Best Paper Award: Honorable Mention], 2013.
- [23] Florian Mansmann, Milos Krstajic, Fabian Fischer, and Enrico Bertini. StreamSqueeze: A Dynamic Stream Visualization for Monitoring of Event Data. In *Proc. of Conference on Visualization and Data Analysis (VDA)*, 2012.
- [24] Andrada Tatu, Fabian Maas, Ines Farber, Enrico Bertini, Tobias Schreck, Thomas Seidl, and Daniel Keim. Subspace Search and Visualization to Make Sense of Alternative Clusterings in High-Dimensional Data. In *Proc. of IEEE Conference on Visual Analytics Science and Technology (VAST)*, 2012.
- [25] Enrico Bertini, Hendrik Strobel, Joachim Braun, Oliver Deussen, Ulrich Groth, Thomas U. Mayer, and Dorit Merhof. HiTSEE: A Visualization Tool for Hit Selection and Analysis in High-Throughput Screening Experiments. In *Proc. of IEEE Symposium on Biological Data Visualization (BioVis)*, volume [Best Paper Award: Honorable Mention], 2011.
- [26] Andrada Tatu, Peter Bak, Enrico Bertini, Daniel Keim, and Jorn Schneidewind. Visual Quality Metrics and Human Perception: An Initial Study on 2D Projections of Large Multidimensional Data. In *Proc. of ACM SIGCHI Working Conference on Advanced Visual Interfaces (AVI)*, 2010.
- [27] Enrico Bertini, Andrea Di Girolamo, and Giuseppe Santucci. See What You Know: Analyzing Data Distribution To Improve Density Map Visualization. In *Proc. of Eurographics/IEEE-VGTC Symposium on Visualization (EuroVis)*, 2007.
- [28] Enrico Bertini, Patrick Hertzog, and Denis Lalanne. SpiralView: Towards Security Policies Assessment through Visual Correlation of Network Resources with Evolution of Alarms. In *Proc. of IEEE Symposium on Visual Analytics Science and Technology (VAST)*, 2007.
- [29] Enrico Bertini, Luigi Dell’Aquila, and Giuseppe Santucci. Reducing Infovis Cluttering through Sampling, Displacement, and User Perception. In *Proc. of Conference on Visualization and Data Analysis (VDA)*, 2006.
- [30] Enrico Bertini, Silvia Gabrielli, and Stephen Kimani. Appropriating and Assessing Heuristics for Mobile Computing. In *Proc. of ACM SIGCHI Working Conference on Advanced Visual Interfaces (AVI)*, 2006.
- [31] Enrico Bertini, Andrea Calì, Tiziana Catarci, Silvia Gabrielli, and Stephen Kimani. Interaction-based Adaptation for Small Screen Devices. In *Proc. of User Modeling (UM)*, 2005.
- [32] Enrico Bertini, Luigi Dell’Aquila, and Giuseppe Santucci. SpringView: Cooperation of Radviz and Parallel Coordinates for View Optimization and Clutter Reduction. In *Proc. of IEEE International Conference on Coordinated & Multiple Views in Exploratory Visualization (CMV)*, 2005.

- [33] Enrico Bertini and Giuseppe Santucci. Improving 2D Scatterplots Effectiveness through Sampling, Displacement, and User Perception. In *Proc. of IEEE International Conference on Information Visualization (IV)*, 2005.
- [34] Enrico Bertini and Giuseppe Santucci. Is It Darker? Improving Density Representation in 2D Scatter Plots through a User Study. In *Proc. of Conference on Visualization and Data Analysis (VDA)*, 2005.
- [35] Geoff Ellis, Enrico Bertini, and Alan Dix. The Sampling Lens: Making Sense of Saturated Visualisations. In *Proc. of ACM CHI Conference on Human Factors in Computing Systems (Late Breaking Results) (CHI)*, 2005.
- [36] Enrico Bertini and Giuseppe Santucci. By Chance is Not Enough: Preserving Relative Density through Non Uniform Sampling. In *Proc. of IEEE International Conference on Information Visualization (IV)*, 2004.
- [37] Enrico Bertini and Giuseppe Santucci. Modeling Internet Based Applications for Designing Multi-Device Adaptive Interfaces. In *Proc. of ACM SIGCHI Working Conference on Advanced Visual Interfaces (AVI)*, 2004.
- [38] Enrico Bertini and Giuseppe Santucci. Quality Metrics for 2D Scatterplot Graphics: Automatically Reducing Visual Clutter. In *Proc. of Smart Graphics (SG)*, 2004.

Refereed Workshops

- [39] Ilya Boyandin, Enrico Bertini, and Denis Lalanne. Using Flow Maps to Explore Migrations Over Time. In *Proc. of Geospatial Visual Analytics Workshop (GeoVA)*, Guimaraes (Portugal), 2010.
- [40] Milos Krstajić, Enrico Bertini, Florian Mansmann, and Daniel Keim. Visual Analysis of News Streams with Article Threads. In *Proc. of International Workshop on Novel Data Stream Pattern Mining Techniques (StreamKDD)*, 2010.
- [41] Enrico Bertini and Denis Lalanne. Surveying the Complementary Role of Automatic data Analysis and Visualization in Knowledge Discovery. In *KDD Workshop on Visual Analytics and Knowledge Discovery (VAKD)*, 2009.
- [42] Enrico Bertini, Patrick Hertzog, and Denis Lalanne. Visual Analysis of Corporate Network Intelligence: Abstracting and Reasoning on Yesterdays for Acting Today. In *Proc. of ACM Workshop on Visualization for Computer Security (VizSEC)*, 2007.
- [43] Enrico Bertini and Giuseppe Santucci. Visual Quality Metrics. In *Proc. of ACM CHI Workshop on Beyond time and errors: novel evaluation methods for Information Visualization (BELIV)*, 2006.
- [44] Stephen Kimani, Enrico Bertini, and Lucia Di Bello. The Pivotal Role of Visualization in Digital Libraries. In *Proc. of International Workshop on Audio-Visual Content and Information Visualization in Digital Libraries (AVIVDiLib)*, 2005.
- [45] Enrico Bertini and Stephen Kimani. Library and Ubicomp: Supporting Seamless Interaction with Physical and Digital Entities. In *MobileHCI Workshop on Interaction Design for CSCL in Ubiquitous Computing*, 2004.
- [46] Enrico Bertini and Stephen Kimani. Mobile Devices: Opportunities for Users with Special Needs. In *Proc. of ACM SIGCHI International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI)*, 2003.
- [47] Enrico Bertini and Giuseppe Santucci. Data Mining and Information Visualization: a Result+Data Approach. In *DIMACS Workshop on Visualization and Data Mining*, 2002.

Posters, Magazines, Invited Papers

- [48] Aritra Dasgupta, Jorge Poco, Enrico Bertini, and Claudio T Silva. Reducing the analytical bottleneck for domain scientists: Lessons from a climate data visualization case study. *Computing in Science & Engineering*, 18(1):92–100, 2016.
- [49] Enrico Bertini, Juri Buchmüller, Fabian Fischer, Stephan Huber, Thomas Lindemeier, Fabian Maaß, Florian Mansmann, Thomas Ramm, Michael Regenscheit, Christian Rohrdantz, Christian Scheible, Tobias Schreck, Stephan Sellien, Florian Stoffel, Mark Tautzenberger, Matthias Zieker, and Daniel A. Keim. Visual Analytics of Terrorist Activities Related to Epidemics. In *IEEE Conference on Visual Analytics Science and Technology (VAST Challenge 2011)*, 2011. **[Grand Challenge Award]**.
- [50] Daniel A. Keim, Peter Bak, Enrico Bertini, Daniela Oelke, David Spretke, and Hartmut Ziegler. Advanced Visual Analytics Interfaces. In *Proceedings of the International Working Conference on Advanced Visual Interfaces (AVI 10)*, pages 3–11. The Association for Computing Machinery, Inc. (ACM), May 2010. (Invited Paper).

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- [51] Ilya Boyandin, Enrico Bertini, and Denis Lalanne. Visualizing the World's Refugee Data with JFlowMap. In *Eurographics/IEEE-VGTC Symposium on Visualization (EuroVis) (Poster)*, 2010.
 - [52] Enrico Bertini, Catherine Plaisant, and Giuseppe Santucci. BELIV'06: Beyond Time and Errors, Novel Evaluation Methods for Information Visualization. *ACM Interactions*, 14(3):59–60, 2007.
 - [53] Enrico Bertini, Luigi Dell'Aquila, and Giuseppe Santucci. Reducing Infovis Cluttering through Sampling, Displacement, and User Perception. In *IEEE Symposium on Information Visualization (InfoVis) (Poster)*, 2005.