

# Message from the Editor-in-Chief

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EIC IEEE TVCG

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I am pleased to introduce the December 2014 issue of the IEEE *Transactions on Visualization and Computer Graphics* (TVCG). With mixed emotions, I am writing my last editorial for IEEE VIS and ending my tenure as the EIC of IEEE TVCG. Selected from a record high number of 480 submissions, this special issue contains 111 papers presented at the 2014 IEEE VIS, including the IEEE Conference on Visual Analytics Science and Technology (VAST), the IEEE Information Visualization Conference (InfoVis), and the IEEE Scientific Visualization Conference (SciVis) in Paris, France from the 9th to the 14th of November 2014. These papers that were recommended for acceptance by the program committees of these three conferences, after having undergone a rigorous two-round review process, are published in this issue.

The cooperation between IEEE TVCG and IEEE VIS has witnessed its considerable growth in terms of the number of publications in the IEEE TVCG VIS Special Issue and the size of attendance for IEEE VIS, during the period between 2011 and 2014. This hybrid publication mode enables timely dissemination of many high-quality research results from the world's top visualization conferences to TVCG's readership, while improving the overall visibility and quality of VIS publications through a rigorous journal-style review. Conversely, the authors of well over 90 TVCG regular papers were invited to give an oral presentation of their recent work at IEEE VIS during 2011–2014, providing a unique opportunity for the VIS audience to keep abreast of high-quality visualization research featured in regular issues of TVCG and encouraging more TVCG authors to attend IEEE VIS. Hopefully this closely coupled relationship between TVCG and VIS should lead to a more timely exchange of new ideas, foster rapid dissemination of visualization research via an integrated forum for both publications and presentations, and further expand and grow our research community.

Many individuals have committed their time and effort to this TVCG issue and I would like to thank them for their excellent work. Special thanks are due to the guest editors of this issue and also the IEEE VIS papers coauthors: Min Chen, David Ebert, Helwig Hauser, Jeffrey Heer, Chris North, Huamin Qu, Han-Wei Shen, Melanie Tory, and Anders Ynnerman. They tirelessly led the two-round review process

with tight deadlines to deliver this issue. The program committee of each conference also played a significant role by participating in a second round of reviews for papers that were accepted with minor revision. I would also like to recognize the outstanding efforts that went into the timely production of this issue by the IEEE and IEEE Computer Society staff, especially Erin Espriu, Meera Patel, and Alicia Stickley, as well as the VIS publication and project coordinator, Meghan Haley. Thanks are also due to Joyce Arnold and Alison Larkin for TVCG peer review support. I would also like to acknowledge the support from behind the scenes by the VIS conference committees, the IEEE VGTC Executive Committee, and the IEEE Computer Society Publications Board. In particular, I would like to express my gratitude to TVCG AEIC, Charles Hansen, VIS 2014 Program Chair, Gautam Chaudhary, VIS 2014 General Chair, Jean-Daniel Fekete, and the VIS Steering Committees, for coordinating and working on the integration of TVCG papers with the VIS Program.

With the OnlinePlus ([www.computer.org/portal/web/publications/onlineplus](http://www.computer.org/portal/web/publications/onlineplus)) subscription model and monthly issues started in 2011, TVCG subscribers have been able to receive online access plus a printed book of article abstracts and a quarterly, searchable interactive disk that gives readers the flexibility of accessing content anywhere. As TVCG celebrates its 20th Anniversary, I am proud and honored to have served as the EIC of this top journal that has presented many of the most important research results and state-of-the-art seminal papers related to computer graphics and visualization techniques, systems, software, hardware, and user interface issues over the last two decades. TVCG is the venue to find extended versions of the best papers of many leading conferences, symposia, and workshops in the field. TVCG is already well known for its fast reviewing cycles and for the early availability of preprints in the IEEE Computer Society Digital Library and in IEEE Xplore. I encourage you to browse through [www.computer.org/tvcg](http://www.computer.org/tvcg), continue to submit your best work and contribute to TVCG both as an author and as a reviewer, and to become a personal subscriber of TVCG.