

# Editor's Note

Leila De Floriani



THE IEEE Computer Society's policy limits the terms of the members of the Editorial Board. This policy allows new people and expertise to come in and benefits the growth and vitality of the journal. The success of the journal relies on the quality of the submissions and of the reviews, and on the work of the associate editors. Their dedication and support are essential to its continuing growth.

On behalf of the IEEE Computer Society and of TVCG's Editorial Board, I would like to express our appreciation and gratitude to the four Associate Editors finishing their term: Gennady Andrienko, Baoquan Chen, Takeo Igarashi, and Alla Sheffer.

It is my pleasure to introduce Natalia Andrienko, Xianfeng David Gu, Ingrid Hotz, Ligang Liu, Scott Schaefer, Michela Spagnuolo, Xavier Tricoche, and Peter Wonka, who have recently joined TVCG as Associate Editors. Below are the biographical sketches listing their accomplishments and areas of expertise. The TVCG's Editorial Board is pleased to welcome these outstanding individuals to their new role.

Leila De Floriani  
*Editor-in-Chief*



**Natalia Andrienko** has been with Fraunhofer Institute for Intelligence Analysis and Information Systems (IAIS) since 1997. Since 2007, she is the scientist responsible for the visual analytics research. Since 2013, she is (part-time) professor with City University of London. She co-authored the monographs "*Exploratory Analysis of Spatial and Temporal Data*" (2006) and "*Visual Analytics of Movement*" (2013) as well as more than 70 peer-reviewed journal papers. She received best paper awards at AGILE 2006, EuroVis 2015 and IEEE VAST 2011 and 2012 conferences, best poster awards at AGILE 2007 and ACM GIS 2011, and VAST challenge awards 2008 and 2014. She co-edited ten special issues of major journals, including the *International Journal of Geographic Information Science* (2007 and 2010), the *Information Visualization* (2008 and 2014), and the *Journal of Visual Languages and Computing* (2011).



**Xianfeng David Gu** received the PhD degree in computer science from Harvard University. He is currently an associate professor in the Computer Science Department, and an adjunct associate professor in the Applied Mathematics Department, Stony Brook University. He has published three monographs and about 280 papers in computer science, medical imaging, pure and applied mathematics. His research interests include geometric modeling and processing, multi-resolution and free-form modeling, shape analysis and deformation, and medical imaging. He received several awards, including the Morningside Gold Medal in Applied Mathematics in International Congress of Chinese Mathematicians 2013, US National Science Foundation CAREER award in 2005, China National Science Foundation Outstanding Oversea Scholar award in 2006. He frequently serves on program committees of major international conferences and organized and chaired several workshops and conferences. He is a co-Editor-in-Chief of the *Journal of Geometry, Imaging and Computing*, and an associate editor of *Graphical Models*.



**Ingrid Hotz** received the MS degree in theoretical physics from the University of Munich, and the PhD degree in computer science from the University of Kaiserslautern. From 2003 to 2006 she was a postdoctoral researcher in the Institute for Data Analysis and Visualization (IDAV), University of California. From 2006 to 2013 she was the leader of a research group at the Zuse Institute in Berlin. From 2013 to 2015 she was the head of the scientific visualization group at the German Aerospace Center. Currently, she is a professor in Scientific Visualization at Linköping University in Sweden. The main focus of her research is in the areas of data analysis and scientific visualization, including vector and tensor field visualization, flow analysis, computational geometry and topological methods for visualization. She has been contributing to conference and workshop organizations as co-chair including IEEE Visualization, EuroGraphics Eurovis and several Dagstuhl seminars. She is currently serving as a co-chair of the international workshop series for "Topological Methods in Visualization (TopoinVis)", and as paper co-chair for IEEE VIS 2017. She is the coordinator of the Swedish e-sciences Research Center Visualization Community.

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**Ligang Liu** received the BSc and the PhD degrees from Zhejiang University, China, in 1996 and 2001, respectively. He is a professor at the School of Mathematical Sciences, University of Science and Technology, China. Between 2001 and 2004, he worked at Microsoft Research Asia. Then, he worked at Zhejiang University during 2004 and 2012. He paid an academic visit to Harvard University during 2009 and 2011. His research interests include geometric processing, computer graphics, and geometric design and optimization in 3D printing, shape analysis, and image and video processing. He has been serving as an associated editor for the *IEEE Computer Graphics and Applications*, *Computer Graphics Forum*, *Computer Aided Geometric Design*, and *The Visual Computer*. He also serves as the Conference Co-Chair of Geometric Modeling and Processing 2017 and he has been the Program Co-Chair of Computational Visual Media 2016, of Geometry Processing 2015, and of Solid and Physical Modeling 2014.



**Scott Schaefer** received the bachelor's degree in computer science/mathematics from Trinity University, in 2000, and the MS and PhD degrees in computer science from Rice University, in 2003 and 2006, respectively. He is a professor in the Computer Science Department at Texas A&M University. His research interests include computer graphics, geometry processing, curve and surface representation, and barycentric coordinates. He received the Günter Enderle Award in 2011, and an NSF CAREER Award in 2012. He is currently an associate editor for *Computer Aided Design*, and for *Graphical Models*, and was previously an associate editor for *The Visual Computer* and a guest editor for *Computer Aided Geometric Design*. He has been the program co-chair of Geometric Modeling and Processing (2010), Geometry Processing (2011), Shape Modeling International (2012), and Solid and Physical Modeling (2015 and 2016).



**Michela Spagnuolo** is Research Director at Institute of Applied Mathematics and Information Technology of the National Research Council of Italy, where she has been working since 2001. Her research interests include geometric, structural and semantic modelling of 3D objects, with emphasis on computational topology methods for the analysis of shapes and for the evaluation of shape similarity. She is a member of the Steering Committee of Shape Modeling International, EG Workshops on 3D Object Retrieval, and of the EG Workshop on Graphics and Cultural Heritage. She authored more than 130 peer-reviewed papers in scientific journals and international conferences and edited two books. She has been an associate editor of the *International Journals in Computer Graphics*, and currently she is an associate editor of *Computers&Graphics* and of *The Visual Computer*. She has been elected Eurographics fellow in 2014.



**Xavier Tricoche** received the undergraduate degree in computer science from ENSIMAG in Grenoble, an MS degree in applied mathematics from the Université Joseph Fourier in Grenoble, and the PhD degree in computer science from the University of Kaiserslautern. From 2004 to 2007 he was a member of the Scientific Computing and Imaging Institute, University of Utah, as a postdoctoral researcher and then as research faculty. Since 2007, he has been on the faculty of the Department of Computer Science, Purdue University where he is currently an associate professor. His research interests include scientific visualization, flow visualization, dynamical systems, topological and geometric data analysis, and medical image analysis. He is the recipient of an NSF CAREER award and has served regularly on the international program committees of all major visualization conferences.



**Peter Wonka** received a Masters of Science in urban planning and a PhD in computer science from the Technical University of Vienna. After his PhD, he worked as postdoctoral researcher at the Georgia Institute of Technology and as faculty at Arizona State University. Currently, he is the Associate Director of the Visual Computing Center (VCC) at King Abdullah University of Science and Technology (KAUST) in Saudi Arabia, and Professor in the Computer Science program. His research interests include various topics in computer graphics, visualization, remote sensing, computer vision, image processing, machine learning, and data mining. He currently serves as Associate Editor for *ACM Transactions on Graphics* and for *IEEE Computer Graphics and Applications*.

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