

VisGap 2024

The Gap between Visualization Research and Visualization Software

Odense, Denmark

May 27, 2024

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Postfach 2926, 38629 Goslar, Germany

Published by the Eurographics Association
–Postfach 2926, 38629 Goslar, Germany–
in cooperation with
Institute of Computer Graphics & Knowledge Visualization at Graz University of Technology
and
Fraunhofer IGD (Fraunhofer Institute for Computer Graphics Research), Darmstadt

ISBN 978-3-03868-255-4

The electronic version of the proceedings is available from the Eurographics Digital Library at
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Keynote

Success and Failure in VIS Software Transition

Cláudio Silva

New York University

Short Biography

Cláudio T. Silva is Institute Professor of Computer Science and Engineering at NYU Tandon School of Engineering, and Professor of Data Science at the NYU Center for Data Science. He is also affiliated with the Center for Urban Science and Progress (which he helped co-found in 2012) and the Courant Institute of Mathematical Sciences. He received his BS in mathematics from the Universidade Federal do Ceará (Brazil) in 1990, and his MS and PhD in computer science at the State University of New York at Stony Brook in 1996. Cláudio has advised 20+ PhD, 10 MS students, and mentored 20+ post-doctoral associates. He has published over 300 publications, including 20 that have received best paper awards. He has over 26,000 citations according to Google Scholar. Cláudio is active in service to the research community and is a past elected Chair of the IEEE Technical Committee on Visualization and Computer Graphics (2015–18).

Cláudio is a Fellow of the IEEE and has received the IEEE Visualization Technical Achievement Award. He was the senior technology consultant (2012-17) for MLB Advanced Media's Statcast player tracking system, which received a 2018 Technology & Engineering Emmy Award from the National Academy of Television Arts & Sciences (NATAS). His work has been covered in The New York Times, The Economist, ESPN, and other major news media.

Capstone

The Thorny Path from Research Prototypes to Usable Tools

Barbora Kozlíková

Masaryk University

Short Biography

Barbora Kozlikova is an Associate Professor at the Masaryk University in Brno, where she is heading VisitLab: the visualization group specializing in diverse topics in visualization and its connections to machine learning and virtual reality. Her research interests are in scientific visualization and visual analysis, with the main focus on biochemistry and biology, but also criminal investigation, geography, and urban data. She is also interested in computational geometry and computer graphics, which is her original background.

In 2018, she served as the general chair of EuroVis and in 2019, she organized the EG VCBM workshop, where she was acting also as a full paper co-chair. She is a member of the EuroVis Steering Committee and serves as the IPC member of main visualization conferences.