

EuroVis 2023
25th Eurographics Conference on Visualization 2023

Leipzig, Germany
June 12 – 16, 2023

Organized by



UNIVERSITÄT
LEIPZIG



HTWK

Hochschule für Technik,
Wirtschaft und Kultur Leipzig



EUROGRAPHICS
THE EUROPEAN ASSOCIATION
FOR COMPUTER GRAPHICS

Dirk Bartz Prize
for Visual Computing in Medicine and Life Sciences
2023

Dirk Bartz Prize Co-Chairs

Renata G. Raidou, TU Wien, Austria
Torsten W. Kuhlen, RWTH Aachen University, Germany

Published by
The Eurographics Association
ISBN 978-3-03868-221-9

Table of Contents

3rd Prize

Transdisciplinary Visualization of Aortic Dissections	1
<i>Gabriel Mistelbauer, Kathrin Bäumlner, Domenico Mastrodicasa, Lewis D. Hahn, Antonio Pepe, Veit Sandfort, Virginia Hinostraza, Kai Ostendorf, Aaron Schroeder, Anna M. Sailer, Martin J. Willemink, Shannon Walters, Bernhard Preim, and Dominik Fleischmann</i>	

2nd Prize

Visualizing Carotid Stenoses for Stroke Treatment and Prevention.....	7
<i>Pepe Eulzer, Kevin Richter, Anna Hundertmark, Monique Meuschke, Ralph Wickenhöfer, Carsten M. Klingner, and Kai Lawonn</i>	

1st Prize

Visual Exploration, Analysis, and Communication of Physiological Processes	13
<i>Laura A. Garrison and Stefan Bruckner</i>	

International Jury

Jürgen Bernard, University of Zurich, Switzerland
Johanna Beyer, Harvard University, USA
Marcel Breeuwer, Einhdoven University & Philips Healthcare, the Netherlands
Christian Hansen, University of Magdeburg, Germany
Helwig Hauser, University of Bergen, Norway
Ingrid Hotz, Linköping University, Sweden
Helena Jambor, TU Dresden, Germany
Nigel John, University of Chester, UK
Jörn Kohlhammer, Fraunhofer IGD, Germany
Michael Krone, University of Tübingen, Germany
Boudewijn P.F. Lelieveldt, LUMC, the Netherlands
Claes Lundström, Linköping University, Sweden
Torsten Möller, University of Vienna, Austria
Lennart Martens, University of Ghent, Belgium
Silvia Miksch, TU Wien, Austria
Kay Nieselt, University of Tübingen, Germany
Bernhard Preim, University of Magdeburg, Germany
Cagatay Turkay, Warwick University, UK
Bei Wang, SCI Utah, USA

Author Index

Bäumler, Kathrin	1	Mistelbauer, Gabriel	1
Bruckner, Stefan	13	Ostendorf, Kai	1
Eulzer, Pepe	7	Pepe, Antonio	1
Fleischmann, Dominik	1	Preim, Bernhard	1
Garrison, Laura A.	13	Richter, Kevin	7
Hahn, Lewis D.	1	Sailer, Anna M.	1
Hinostroza, Virginia	1	Sandfort, Veit	1
Hundertmark, Anna	7	Schroeder, Aaron	1
Klingner, Carsten M.	7	Walters, Shannon	1
Lawonn, Kai	7	Wickenhöfer, Ralph	7
Mastrodicasa, Domenico	1	Willemink, Martin J.	1
Meuschke, Monique	7		