

2023 IEEE Visualization in Data Science (VDS 2023)

**Melbourne, Australia
23 October 2023**



**IEEE Catalog Number: CFP23M80-POD
ISBN: 979-8-3503-3021-2**

**Copyright © 2023 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP23M80-POD
ISBN (Print-On-Demand):	979-8-3503-3021-2
ISBN (Online):	979-8-3503-3020-5

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

2023 IEEE Visualization in Data Science (VDS) **VDS 2023**

Table of Contents

2023 IEEE Visualization in Data Science (VDS)

NeighViz: Towards Better Understanding of Neighborhood Effects on Social Groups with Spatial Data	1
<i>Yue Yu (The Hong Kong University of Science and Technology, China), Yifang Wang (Northwestern University, United States), Qisen Yang (Zhejiang University, China), Di Weng (Zhejiang University, China), Yongjun Zhang (Stony Brook University, United States), Xiaogang Wu (New York University Shanghai, China), Yingcai Wu (Zhejiang University, China), and Huamin Qu (The Hong Kong University of Science and Technology, China)</i>	
A Declarative Specification for Authoring Metrics Dashboards	6
<i>Will Epperson (Carnegie Mellon University, USA), Kanit Wongsuphasawat (Databricks, USA), Allison Whilden (Databricks, USA), Fan Du (Databricks, USA), and Justin Talbot (Databricks, USA)</i>	
Visual Comparison of Text Sequences Generated by Large Language Models	11
<i>Rita Sevastjanova (University of Konstanz), Simon Vogelbacher (University of Konstanz), Andreas Spitz (University of Konstanz), Daniel Keim (University of Konstanz), and Mennatallah El-Assady (ETH AI Center)</i>	
HPCClusterScape: Increasing Transparency and Efficiency of Shared High-Performance Computing Clusters for Large-scale AI Models	21
<i>Heungseok Park (NAVER Labs), Aeree Cho (Georgia institute of technology), Hyojun Jeon (NAVER Cloud Corporation), Hayoung Lee (NAVER Cloud Corporation), Youngil Yang (NAVER Cloud Corporation), Sungjae Lee (NAVER Cloud Corporation), Heungsub Lee (NAVER Cloud Corporation), and Jaegul Choo (KAIST)</i>	
Aardvark: Comparative Visualization of Data Analysis Scripts	30
<i>Rebecca Faust (Virginia Tech), Carlos Scheidegger (University of Arizona), and Chris North (Virginia Tech)</i>	
Author Index	39