

2023 IEEE VIS Workshop on Visualization for Pandemic and Emergency Responses (Vis4PandEmRes 2023)

**Melbourne, Australia
22-23 October 2023**



**IEEE Catalog Number: CFP23UD4-POD
ISBN: 979-8-3503-3027-4**

**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:	CFP23UD4-POD
ISBN (Print-On-Demand):	979-8-3503-3027-4
ISBN (Online):	979-8-3503-3026-7

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 VIS Workshop on Visualization for Pandemic and Emergency Responses (Vis4PandEmRes)

Vis4PandEmRes 2023

Table of Contents

Preface vii

IEEE VIS Workshop on Visualization for Pandemic and Emergency Responses 2023

Visual Analytics based Search-Analyze-Forecast Framework for Epidemiological Time-series Data 1
Tuna Gonen (University of Oxford), Yiwen Xing (King's College London), Cagatay Turkay (University of Warwick), Alfie Abdul-Rahman (King's College London), Radu Jianu (City, University of London), Hui Fang (Loughborough University), Euan Freeman (University of Glasgow), Franck P. Vidal (Bangor University), and Min Chen (University of Oxford)

ESID: Exploring the Design and Development of a Visual Analytics Tool for Epidemiological Emergencies 8
Pawandeep Kaur Betz (German Aerospace Center, Germany), Julien Stoll (Hochschule für Gestaltung Schwäbisch Gmünd, Germany), Valerie Grappendorf (Hochschule für Gestaltung Schwäbisch Gmünd, Germany), Jonas Gilg (German Aerospace Center (DLR), Germany), Moritz Zeumer (German Aerospace Center (DLR), Germany), Margrit Klitz (German Center for Neurodegenerative Diseases (DZNE), Germany), Luca Spataro (German Aerospace Center (DLR), Germany), Anne Klein (Helmholtz Centre for Infection Research, Germany), Lena Rothenhäuser (Helmholtz Centre for Infection Research, Germany), Hartmut Bohnacker (Hochschule für Gestaltung Schwäbisch Gmünd, Germany), Hans Krämer (Hochschule für Gestaltung Schwäbisch Gmünd, Germany), Michael Meyer-Hermann (Helmholtz Centre for Infection Research, Germany), Sybille Somogyi (Academy for Public Health Services, Germany), Andreas Gernd (German Aerospace Center (DLR), Germany), and Martin J. Kühn (German Aerospace Center (DLR), Germany)

A Lens to Pandemic Stay at Home Attitudes	15
<i>Andrew Wentzel (University of Illinois Chicago), Lauren Levin (University of Illinois Chicago), Vipul Dhariwal (University of Illinois Chicago), Zahra Fatemi (University of Illinois Chicago), Abari Bhattacharya (University of Illinois Chicago), Barbara Di Eugenio (University of Illinois Chicago), Andrew Rojecki (University of Illinois Chicago), Elena Zheleva (University of Illinois Chicago), and G. Elisabeta Marai (University of Illinois Chicago)</i>	
Author Index	21