2022 IEEE VIS Arts Program (VISAP 2022)

Oklahoma City, Oklahoma, USA 16 – 21 October 2022



IEEE Catalog Number: CFP22M79-POD ISBN: 978-1-6654-6366-9

Copyright © 2022 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:
 CFP22M79-POD

 ISBN (Print-On-Demand):
 978-1-6654-6366-9

 ISBN (Online):
 978-1-6654-6365-2

ISSN: 2767-6994

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



2022 IEEE VIS Arts Program (VISAP)

VISAP 2022

Table of Contents

VISAP 2022 Welcome Message	
VISAP 2022 Committees	
2022 IEEE VIS Arts Program	
NeuroKnitting Beethoven: Visualizing Emotional State through the Knitting Process	Ά
At the Pump	Ά
RAY	Ά
Sifting Strands	
Presentation of Self in Machine Life	
Shifting winds: Gendered structures of academic mentorship	
Diversity traces: an interactive lens on multi-racial families in America	L
#MeToo Anti-Network 35 Kim Frederic Albrecht	
Quaran.tiles. Archiving expressive digital places from instagram during the COVID-19 pandemic	
The Memory of Street - Hong Kong: History, Culture, memory and Post-Humanism	
Tangled Tracks	A

ESSYS* Sharing #UC: An Emotion-driven Audiovisual Installation	70
Wind of Bamboo: A Chinese Handwriting Mingling Interactive Installation based on Human-AI Collaborative Font Design	80
Under the Green: Visual data storytelling the process of urban CO2 neutralization by forests Linqi Wang (Hunan University), Fengzhou Liang (Sun Yat-sen University), Fang Liu (Hunan University), Boai Yang (Hunan University), and Junyan Lv (Hunan University)	N/A
Supersynthesis: A Communal Synthesis Amay Kataria (Independent Artist)	96
SkyGlyphs: Reflections on the Design of a Delightful Visualization	. 105
Molecular Planets Christoph Müller (Visualisierungsinstitut der Universität Stuttgart), Karsten Schatz (Visualisierungsinstitut der Universität Stuttgart), Florian Frieß (Visualisierungsinstitut der Universität Stuttgart), and Michael Krone (Eberhard Karls Universität Tübingen)	. N/A
SoftVoss	. N/A
OctoAnemone Yin Yu	. N/A
Affective, Hand-Sculpted Glyph Forms for Engaging and Expressive Scientific Visualization Stephanie Zeller (The University of Texas at Austin), Francesca Samsel (University of Texas at Austin, Austin, Texas Advanced Computing Center (TACC)), and Lyn Bartram (School of Interactive Art and Technology, Simon Fraser University, Surrey, British Columbia)	. 127
Author Index	137