

2020 IEEE 5th Workshop on Visualization for the Digital Humanities (VIS4DH 2020)

**Salt Lake City, Utah, USA
25 October 2020**



**IEEE Catalog Number: CFP20U77-POD
ISBN: 978-1-7281-9154-6**

**Copyright © 2020 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:	CFP20U77-POD
ISBN (Print-On-Demand):	978-1-7281-9154-6
ISBN (Online):	978-1-7281-9153-9

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

2020 IEEE 5th Workshop on Visualization for the Digital Humanities (VIS4DH) **VIS4DH 2020**

Table of Contents

VIS4DH 2020

Supporting Expert Close Analysis of Historical Scientific Writings: A Case Study for Near-by Reading	1
<i>Andrew McNutt (University of Chicago), Agatha Kim (University of Chicago), Sergio Elahi (University of Chicago), and Kazutaka Takahashi (University of Chicago)</i>	
Bio-Inspired Structure Identification in Language Embeddings	7
<i>Hongwei (Henry) Zhou (University of California, Santa Cruz), Oskar Elek (University of California, Santa Cruz), Pranav Anand (University of California, Santa Cruz), and Angus G. Forbes (University of California, Santa Cruz)</i>	
Augmenting Sheet Music with Rhythmic Fingerprints	14
<i>Daniel Fürst (University of Konstanz, Germany), Matthias Miller (University of Konstanz, Germany), Daniel A. Keim (University of Konstanz, Germany), Alexandra Bonnici (University of Malta, Malta), Hanna Schäfer (University of Konstanz, Germany), and Mennatallah El-Assady (University of Konstanz, Germany)</i>	
ViS-À-ViS: Detecting Similar Patterns in Annotated Literary Text	N/A
<i>Moshe Schorr (Technion - Israel Institute of Technology), Oren Mishali (Technion - Israel Institute of Technology), Benny Kimelfeld (Technion - Israel Institute of Technology), and Ophir Münz-Manor (Open University of Israel)</i>	
Pilaster: A Collection of Citation Metadata Extracted From Publications on Visualization for the Digital Humanities	24
<i>Alejandro Benito-Santos (Universidad de Salamanca, Spain) and Roberto Therón (Universidad de Salamanca, Spain)</i>	
Visualizing a Large Spatiotemporal Collection of Historic Photography with a Generous Interface	30
<i>Taylor Arnold (University of Richmond, Math and Computer Science), Nathaniel Ayers (University of Richmond, Digital Scholarship Lab), Justin Madron (University of Richmond, Digital Scholarship Lab), Robert Nelson (University of Richmond, Digital Scholarship Lab), and Lauren Tilton (University of Richmond, Rhetoric and Communications)</i>	

Externalizing Transformations of Historical Documents: Opportunities for Provenance-Driven Visualization	36
<i>Tomas Vancisin (University of St Andrews), Mary Orr (University of St Andrews), and Uta Hinrichs (University of St Andrews, UK)</i>	
Literal Encoding: Text is a First-Class Data Encoding	N/A
<i>Richard Brath (Uncharted Software Inc)</i>	
Author Index	43