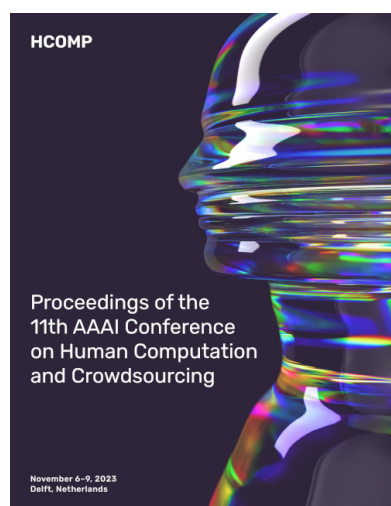


[Home](#) / [Archives](#) /

Vol. 11 No. 1: Proceedings of the Eleventh AAAI Conference on Human Computation and Crowdsourcing

# Vol. 11 No. 1: Proceedings of the Eleventh AAAI Conference on Human Computation and Crowdsourcing



**Edited by Michael Bernstein, Alessandro Bozzon, Saiph Savage**

November 6-9, 2023, Delft, Netherlands.

Published by The AAAI Press, Washington, DC, USA

Copyright © 2023, Association for the Advancement of Artificial Intelligence

1101 Pennsylvania Ave, NW, Suite 300, Washington, DC 20004

All Rights Reserved. No part of this proceedings may be reproduced in any form by any electronic or mechanical means (including photocopying, recording, or information storage and retrieval) without permission in writing from the publisher.

ISBN-10: 1-57735-884-8

ISBN-13: 978-1-57735-884-8

The 11th AAAI Conference on Human Computation and Crowdsourcing (HCOMP 2023) was held November 6-10th at Delft University of Technology as a joint conference with the CI2023-ACM Collective Intelligence Series.

HCOMP serves as an invaluable platform and believes in fostering and promoting broad, interdisciplinary research in human computation and crowdsourcing. Though artificial intelligence

(AI) and human-computer interaction (HCI) have been conventional cornerstones of the conference, HCOMP draws upon and contributes to various fields including human-centered qualitative studies and HCI design, social computing, artificial intelligence, economics, computational social science, digital humanities, policy, and ethics. It unites a diverse community of researchers, engineers, and practitioners, encouraging collaborative progress and innovation in this evolving discipline.

**Published:** 2023-11-03

## Full Archival Papers

### Selective Concept Models: Permitting Stakeholder Customisation at Test-Time

Matthew Barker, Katherine M. Collins, Krishnamurthy Dvijotham, Adrian Weller, Umang Bhatt  
2-13

 PDF

### Informing Users about Data Imputation: Exploring the Design Space for Dealing With Non-Responses

Ananya Bhattacharjee, Haochen Song, Xuening Wu, Justice Tomlinson, Mohi Reza, Akmar Ehsan Chowdhury, Nina Deliu, Thomas W. Price, Joseph Jay Williams  
14-26

 PDF

### Crowdsourced Clustering via Active Querying: Practical Algorithm with Theoretical Guarantees

Yi Chen, Ramya Korlakai Vinayak, Babak Hassibi  
27-37

 PDF

### How Crowd Worker Factors Influence Subjective Annotations: A Study of Tagging Misogynistic Hate Speech in Tweets

Danula Hettiachchi, Indigo Holcombe-James, Stephanie Livingstone, Anjalee de Silva, Matthew Lease, Flora D. Salim, Mark Sanderson  
38-50

 PDF

### Collect, Measure, Repeat: Reliability Factors for Responsible AI Data Collection

Oana Inel, Tim Draws, Lora Aroyo

51-64

 PDF

### **Where Does My Model Underperform? A Human Evaluation of Slice Discovery Algorithms**

Nari Johnson, Ángel Alexander Cabrera, Gregory Plumb, Ameet Talwalkar

65-76

 PDF

### **A Task-Interdependency Model of Complex Collaboration Towards Human-Centered Crowd Work (Extended Abstract)**

David T. Lee, Christos A. Makridis

77-77

 PDF

### **Task as Context: A Sensemaking Perspective on Annotating Inter-Dependent Event Attributes with Non-Experts**

Tianyi Li, Ping Wang, Tian Shi, Yali Bian, Andy Esakia

78-90

 PDF

### **BackTrace: A Human-AI Collaborative Approach to Discovering Studio Backdrops in Historical Photographs**

Jude Lim, Vikram Mohanty, Terry Dodson, Kurt Luther

91-102

 PDF

### **Rethinking Quality Assurance for Crowdsourced Multi-ROI Image Segmentation**

Xiaolu Lu, David Ratcliffe, Tsu-Ting Kao, Aristarkh Tikhonov, Lester Litchfield, Craig Rodger, Kaier Wang

103-114

 PDF

### **Accounting for Transfer of Learning Using Human Behavior Models**

Tyler Malloy, Yinuo Du, Fei Fang, Cleotilde Gonzalez

115-126

 PDF

## **A Taxonomy of Human and ML Strengths in Decision-Making to Investigate Human-ML Complementarity**

Charvi Rastogi, Liu Leqi, Kenneth Holstein, Hoda Heidari  
127-139

 PDF

## **Characterizing Time Spent in Video Object Tracking Annotation Tasks: A Study of Task Complexity in Vehicle Tracking**

Amy Rechkemmer, Alex C. Williams, Matthew Lease, Li Erran Li  
140-151

 PDF

## **Humans Forgo Reward to Instill Fairness into AI**

Lauren S. Treiman, Chien-Ju Ho, Wouter Kool  
152-162

 PDF

## **Does Human Collaboration Enhance the Accuracy of Identifying LLM-Generated Deepfake Texts?**

Adaku Uchendu, Jooyoung Lee, Hua Shen, Thai Le, Ting-Hao 'Kenneth' Huang, Dongwon Lee  
163-174

 PDF

## **A Cluster-Aware Transfer Learning for Bayesian Optimization of Personalized Preference Models**

Haruto Yamasaki, Masaki Matsubara, Hiroyoshi Ito, Yuta Nambu, Masahiro Kohjima, Yuki Kurauchi, Ryuji Yamamoto, Atsuyuki Morishima  
175-185

 PDF

## **Confidence Contours: Uncertainty-Aware Annotation for Medical Semantic Segmentation**

Andre Ye, Quan Ze Chen, Amy Zhang  
186-197

 PDF

## **A Crowd-AI Collaborative Approach to Address Demographic Bias for Student Performance Prediction in Online Education**

Ruohan Zong, Yang Zhang, Frank Stinar, Lanyu Shang, Huimin Zeng, Nigel Bosch, Dong Wang  
198-210



## Information

[For Readers](#)

[For Authors](#)

[For Librarians](#)

# PKP | PS

Part of the

[PKP Publishing Services Network](#)

Copyright © 2019, Association for the Advancement of Artificial Intelligence. All rights reserved.

Platform &  
workflow by  
OJS / PKP