



Submission data for 2023 CORE conference ranking process
AAAI Conference on Human Computation and Crowdsourcing

Gianluca Demartini, Jonathan Kummerfeld, Danula Hettiachchi

Introductory Questions

Conference

Title: AAAI Conference on Human Computation and Crowdsourcing
Acronym : HCOMP
Rank: B

Requested Rank

Rank: A

Conference Details

Month: November
Publisher: AAAI
Bi-annual: False
Multiconference: False
Component in a multi-conference or umbrella event: False
Colocated with other events: False
Alternative content: True
Alternative content description: Only in some years (e.g., 2020), short papers have been included

Proceedings Publishing Style

Proceedings Publishing: self-contained
Link to most recent proceedings: <https://ojs.aaai.org/index.php/HCOMP/issue/view/530>
Further details:

Most Recent Years

Most Recent Year

Year: 2022
URL: <https://www.humancomputation.com/2022/index.html>
Location: Virtual
Papers submitted: 65
Papers published: 20
Acceptance rate: 31
Source for numbers: [PCChairs](#)

General Chairs

Name: Jane Hsu Affiliation: National Taiwan University Gender: F H Index: 33 GScholar url: https://scholar.google.com/citations?user=FEj19lcAAAAJ&hl=en DBLP url: https://dblp.org/pid/55/866.html

Name: Ming Yin Affiliation: Purdue University Gender: F H Index: 14 GScholar url: https://scholar.google.com/citations?user=J8ei9IOAAAAJ DBLP url: https://dblp.org/pid/89/453.html
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Program Chairs

Name: Jane Hsu
Affiliation: National Taiwan University
Gender: F
H Index: 33
G Scholar url: <https://scholar.google.com/citations?user=FEj19lcAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/55/866.html>

Name: Ming Yin
Affiliation: Purdue University
Gender: F
H Index: 14
G Scholar url: <https://scholar.google.com/citations?user=J8ei9IOAAAAJ>
DBLP url: <https://dblp.org/pid/89/453.html>

Second Most Recent Year

Year: 2021
URL: <https://www.humancomputation.com/2021>
Location: Virtual
Papers submitted: 58
Papers published: 16
Acceptance rate: 28
Source for numbers: [PCChairs](#)

General Chairs

Name: Ece Kamar
Affiliation: Microsoft Research
Gender: F
H Index: 36
G Scholar url: <https://scholar.google.com/citations?user=7Xko5sYAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/36/3834.html>

Name: Kurt Luther
Affiliation: Virginia Tech
Gender: M
H Index: 20
G Scholar url: <https://scholar.google.com/citations?user=b8cNEHwAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/33/6201.html>

Program Chairs

Name: Ece Kamar
Affiliation: Microsoft Research
Gender: F
H Index: 36
G Scholar url: <https://scholar.google.com/citations?user=7Xko5sYAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/36/3834.html>

Name: Kurt Luther
Affiliation: Virginia Tech
Gender: M
H Index: 20
G Scholar url: <https://scholar.google.com/citations?user=b8cNEHwAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/33/6201.html>

Third Most Recent Year

Year: 2020
URL: <https://www.humancomputation.com/2020/index.html>
Location: Virtual
Papers submitted: 55
Papers published: 15
Acceptance rate: 27
Source for numbers: [PCChairs](#)

General Chairs

Name: Lora Aroyo Affiliation: Google Research Gender: F H Index: 42 G Scholar url: https://scholar.google.com/citations?user=FXGgl5IAAAAJ&hl=en DBLP url: https://dblp.org/pid/42/6100.html
Name: Elena Simperl Affiliation: King's College London Gender: F H Index: 42 G Scholar url: https://scholar.google.com/citations?user=xB7s3wgAAAAJ&hl=en DBLP url: https://dblp.org/pid/p/ElenaPaslaruBontasSimperl.html

Program Chairs

Name: Lora Aroyo Affiliation: Google Research Gender: F H Index: 42 G Scholar url: https://scholar.google.com/citations?user=FXGgl5IAAAAJ&hl=en DBLP url: https://dblp.org/pid/42/6100.html
Name: Elena Simperl Affiliation: King's College London Gender: F H Index: 42 G Scholar url: https://scholar.google.com/citations?user=xB7s3wgAAAAJ&hl=en DBLP url: https://dblp.org/pid/p/ElenaPaslaruBontasSimperl.html

Policies

Chair Selection: The HCOMP Council (equivalent to the conference steering committee) is the body responsible for selecting the conference Chairs each year. The council selects chairs from the most renowned researchers in the field making sure to balance for a number of dimensions including gender and geography.

Policy name: AAAI's Code of Professional Ethics and Conduct

Policy url: <https://aaai.org/aaai-conferences-and-symposia/aaai-code-of-conduct-for-conferences-and-events/>

Program Committee

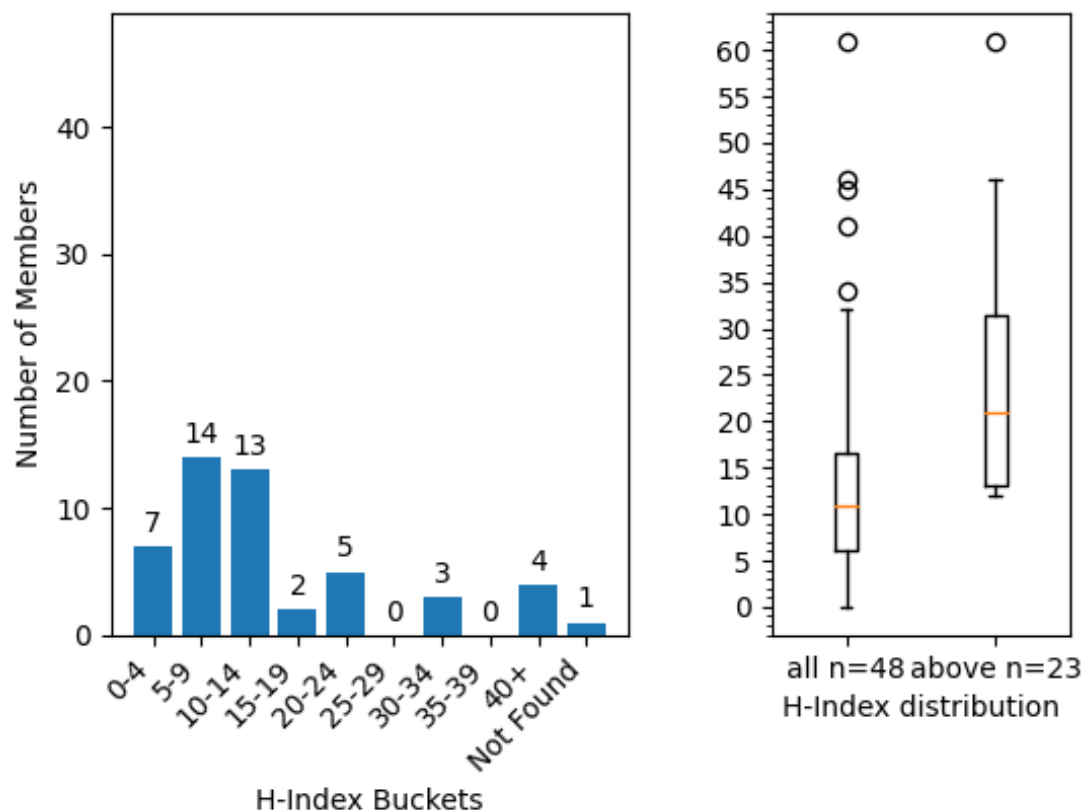
Link to pc: <https://www.humancomputation.com/2022/organizers.html>

File: http://portal.core.edu.au/core/media/2023/pc_members/SPC_list_for_hcomp_2022_hfJ7iAS.txt

H-index plot: http://portal.core.edu.au/core/media/2023/pc_graphs/higherrank_hindex_buckets_1962.png

Information contained within these graphs is derived using the Elsevier Scopus Database 2023.

Scopus h-index is generally about 30% lower than Google Scholar h-index.



Publishing of established researchers in the PC

http://portal.core.edu.au/core/media/2023/conf_submissions_clean_spc/higherrank1962_spc_report.csv

WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/c4MAaEUt.txt

1. AAAI Conference on Human Computation & Crowdsourcing (HCOMP)

Core Rank: B

This venue was published at 16 times by 11 of 18 individuals in the last 5+ years.

The individuals that publish at this venue are: Alessandro Bozzon(3), Gianluca Demartini(3), Christopher A. Welty(2), David Sarne(2), Matthew Lease(2), Boualem Benatallah(1), Fabio Casati(1), Hisashi Kashima(1), Jon Chamberlain(1), Santosh Srinivas Vempala(1), Yukino Baba(1)

In 2018, there were 5 publications by 5 individuals: Alessandro Bozzon, Christopher A. Welty, Gianluca Demartini, Matthew Lease, Santosh Srinivas Vempala

In 2019, there were 3 publications by 4 individuals: Boualem Benatallah, Fabio Casati, Gianluca Demartini, Jon Chamberlain

In 2020, there were 5 publications by 5 individuals: Alessandro Bozzon, David Sarne, Hisashi Kashima, Matthew Lease, Yukino Baba

In 2021, there were 3 publications by 3 individuals: Alessandro Bozzon, Christopher A. Welty, Gianluca Demartini

11 out of the 18 individuals published at this venue in 1 or more years

4 out of the 18 individuals published at this venue in 2 or more years

2 out of the 18 individuals published at this venue in 3 or more years

Centile graphs of paper metrics

No papers available.

Top People Involvement

name: Eric Horvitz

h-index: 153

Google Scholar URL: <https://scholar.google.com/citations?user=V40PEAgAAAAJ&hl=en>

Justification: Eric Horvitz serves as Microsoft's Chief Scientific Officer. He received the Feigenbaum Prize and the Allen Newell Prize for contributions to AI. He received the CHI Academy honor for his work at the intersection of AI and human-computer interaction. He has been elected fellow of the National Academy of Engineering (NAE), the Association of Computing Machinery (ACM), Association for the Advancement of AI (AAAI), the American Association for the Advancement of Science (AAAS), the American Academy of Arts and Sciences, and the American Philosophical Society.

<https://www.microsoft.com/en-us/research/people/horvitz/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	1	1

Attendance: Sometimes (20-50% of the time)

name: Daniel S. Weld

h-index: 99

Google Scholar URL: <https://scholar.google.com/citations?user=IUZgJogAAAAJ&hl=en>

Justification: Daniel S. Weld is Professor Emeritus at the Paul G. Allen School of Computer Science & Engineering and the General Manager & Chief Scientist of Semantic Scholar at the Allen Institute of Artificial Intelligence. After formative education at Phillips Academy, he received bachelor's degrees in both Computer Science and Biochemistry at Yale University in 1982. He landed a Ph.D. from the MIT Artificial Intelligence Lab in 1988, received a Presidential Young Investigator's award in 1989, an Office of Naval Research Young Investigator's award in 1990, was named AAAI Fellow in 1999, deemed ACM Fellow in 2005, and selected to be an AAAS Fellow in 2020. Dan was a founding editor for the Journal of AI Research, was area editor for the Journal of the ACM, guest editor for Computational Intelligence and Artificial Intelligence, and was Program Chair for AAAI-96.

<https://www.cs.washington.edu/people/faculty/weld>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	1	1

Attendance: Sometimes (20-50% of the time)

name: Michael S. Bernstein

h-index: 58

Google Scholar URL: <https://scholar.google.com/citations?user=zkhHirIAAAAJ&hl=en>

Justification: Michael Bernstein is an Associate Professor of Computer Science at Stanford University, where he is a Bass University Fellow and STMicroelectronics Faculty Scholar. His research in human-computer interaction focuses on the design of social computing systems. This research has won best paper awards at top conferences in human-computer interaction, including CHI, CSCW, ICWSM, and UIST, and has been reported in venues such as The New York Times, Science, Wired, and The Guardian. Michael has been recognized with an Alfred P. Sloan Fellowship, UIST Lasting Impact Award, and the Patrick J. McGovern Tech for Humanity Prize. He holds a bachelor's degree in Symbolic Systems from Stanford University, as well as a master's degree and a Ph.D. in Computer Science from MIT.

<https://hci.stanford.edu/msb/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	2	0

Attendance: Often (50-80% of the time)

name: Jeffrey P. Bigham

h-index: 55

Google Scholar URL: <https://scholar.google.com/citations?user=DFqp8NkAAAAJ&hl=en>

Justification: Alfred P. Sloan Research Fellowship NSF CAREER Award MIT Technology Review Top 35 Innovators Under 35 Award

<http://www.cs.cmu.edu/~jbigham/cv.pdf>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	1	0	1

Attendance: Often (50-80% of the time)

name: Chris Welty

h-index: 45

Google Scholar URL: https://scholar.google.com/citations?user=_X6fpR8AAAAJ&hl=en

Justification: Dr. Chris Welty is a Sr. Research Scientist at Google in New York. His first project at Google was launched as Explore in Google Docs, and then on improving the quality and expanding the coverage of price level labels on maps using user signals. Before Google, Dr. Welty was a member of the technical leadership team for IBM's Watson - the question answering computer that defeated the all-time best Jeopardy! champions in a widely televised contest. He appeared on the broadcast, discussing the technology behind Watson, as well as many articles in the popular and scientific press. His proudest moment was being interviewed for StarTrek.com about the project. He is a recipient of the AAAI Feigenbaum Prize for his work.

Welty has played a seminal role in the development of the Semantic Web and Ontologies, and co-developed OntoClean, the first formal methodology for evaluating ontologies. He is on the editorial board of AI Magazine, the Journal of Applied Ontology, the Journal of Web Semantics, and the Semantic Web Journal. He is currently an editor for the AI Magazine column, "AI Bookies" to foster science bets on the progress of AI.

<https://research.google/people/104789/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	0	0	1

Attendance: Often (50-80% of the time)

name: Steven Dow

h-index: 43

Google Scholar URL: <https://scholar.google.com/citations?user=ywTbDsQAAAAJ&hl=en>

Justification: Steven Dow is an Associate Professor of Cognitive Science at UC San Diego, Director of the ProtoLab research group, Co-Founder of the Design for San Diego initiative, and a member of the Design Lab. Steven conducts research on human-computer interaction, social computing, and creativity and seeks to improve communities' abilities to creatively solve their own challenges. Steven received the National Science Foundation CAREER Award in 2015 for research on "advancing collective innovation." He was co-PI on five other NSF grants, a Google Faculty Grant, a Yankelovich Center for Social Science Research Award, Stanford's Postdoctoral Research Award, and a Hasso Plattner Design Thinking Research Grant. Steven was on the faculty in the HCI Institute at CMU from 2011-2015. He holds an MS and PhD in Human-Centered Computing from the Georgia Institute of Technology, and a BS in Industrial Engineering from University of Iowa.

<https://spdown.ucsd.edu/about/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	0	1	0	0

Attendance: Almost always (>80% of the time)

name: Matthew Lease

h-index: 39

Google Scholar URL: <https://scholar.google.com/citations?user=qgmiQ5IAAAAJ&hl=en>

Justification: Lease's research integrates artificial intelligence (AI) and human-computer interaction (HCI) techniques across the fields of crowdsourcing and human computation (HCOMP), information retrieval (IR), and natural language processing (NLP). Lease is a faculty founder and leader of UT Austin's Good Systems, an eight-year, university-wide "moonshot" Grand Challenge to design responsible AI technologies. As part of Good Systems, Lease is leading a six-year, seven-member faculty project developing explainable AI techniques to curb disinformation. Lease is the recipient of three Early Career awards: from the Defense Advanced Research Projects Agency (DARPA), the National Science Foundation (NSF), and the Institute for Museum and Library Sciences (IMLS). Recent research awards include Best Student Paper at the 2022 The Conference on Information Systems and Technology (CIST), Best Student Paper at the 2019 European Conference for Information Retrieval (ECIR), and Best Paper at the 2016 AAAI Human Computation and Crowdsourcing (HCOMP) conference. Lease received degrees in Computer Science from Brown University (PhD, MSc) and the University of Washington (BSc).

<https://www.ischool.utexas.edu/~ml/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	1	0	1

Attendance: Almost always (>80% of the time)

name: Ece Kamar

h-index: 37

Google Scholar URL: <https://scholar.google.com/citations?user=7Xko5sYAAAAJ&hl=en>

Justification: Dr. Kamar is a Partner Research Area Manager at Microsoft Research. She has over 60 peer-reviewed publications at the top Artificial Intelligence and HCI venues including AAAI, IJCAI, AAMAS, CHI and CSCW. She has served in the program committees of AAAI, IJCAI, HCOMP, AAMAS, WWW, UAI and Collective Intelligence Conference. She is a Senior Member of AAAI.

<https://www.ecekamar.com/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	3	1

Attendance: Often (50-80% of the time)

name: Alessandro Bozzon

h-index: 30

Google Scholar URL: <https://scholar.google.com/citations?user=402ZM7UAAAAJ&hl=en>

Justification: Prof. Bozzon has published more than 150 papers in peer-reviewed international journals (VLDBJ, ACM TWEB, ACM TSC, IEEE IC, IEEE Access, Semantic Web Journal) and conferences (WWW/TheWebConference, CHI, CSCW, FAccT, CUI, HCOMP, AAAI, IJCAI, RecSys, ESWC, ISWC, Hypertext, WebScience, UMAP, ICWE), and several editorial contributions. He is co-author of the book Web Information Retrieval (Springer, 2013) and co-inventor of the US patent Method and system of management of queries for crowd searching (US 8825701 B2, 2015).

<https://www.alessandrobozzon.com/about/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	1	0	1

Attendance: Often (50-80% of the time)

name: Lora Aroyo

h-index: 42

Google Scholar URL: <https://scholar.google.com/citations?user=FXGgl5IAAAAJ&hl=en>

Justification: Lora Aroyo is a Dutch computer scientist at Google Research, and formerly a professor at The Vrije Universiteit Amsterdam, Netherlands. She is best known for her work in user modeling, digital humanities, and for the CrowdTruth crowdsourcing method.

https://en.wikipedia.org/wiki/Lora_Aroyo

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	0	0	1

Attendance: Almost always (>80% of the time)

Area Leaders publishing

Method of selection: Top 20 names from this list https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:human_computation+label:crowdsourcing

Keyword: Crowdsourcing and Human Computation

name	h-index	gscholar url
Abraham Bernstein	60	https://scholar.google.com/citations?hl=en&user=ZYNjTykAAAAJ
Hisashi Kashima	45	https://scholar.google.com/citations?hl=en&user=bkTB0t8AAAAJ
Lora Aroyo	42	https://scholar.google.com/citations?hl=en&user=FXGgl5IAAAAJ
Matthew Lease	39	https://scholar.google.com/citations?hl=en&user=qgmiQ5IAAAAJ
Gianluca Demartini	36	https://scholar.google.com/citations?hl=en&user=PCaiILsAAAAJ
Gabriella Kazai	35	https://scholar.google.com/citations?hl=en&user=0U23q0UAAAAJ
Walter S. Lasecki	34	https://scholar.google.com/citations?hl=en&user=ZIEExHooAAAAJ
Alessandro Bozzon	30	https://scholar.google.com/citations?hl=en&user=402ZM7UAAAAJ
Jahna Otterbacher	27	https://scholar.google.com/citations?hl=en&user=RWIcc3cAAAAJ
Alexander J. Quinn	18	https://scholar.google.com/citations?hl=en&user=k80vqo8AAAAJ
Thimo Schulze	10	https://scholar.google.com/citations?hl=en&user=mgblRbAAAAAJ
stuart Lynn	17	https://scholar.google.com/citations?hl=en&user=1VbXUwAAAAJ
Yukino Baba	15	https://scholar.google.com/citations?hl=en&user=6vT7zVEAAAAJ
Alessandro Checco	17	https://scholar.google.com/citations?hl=en&user=crhkrNcAAAAJ
Siyuan Liu	14	https://scholar.google.com/citations?hl=en&user=N204KmIAAAAJ
Kevin Roitero	13	https://scholar.google.com/citations?hl=en&user=1xd52jMAAAAJ
Andrea Mauri	12	https://scholar.google.com/citations?hl=en&user=pmziRtMAAAAJ
Eddy Maddalena	14	https://scholar.google.com/citations?hl=en&user=egHDPfKAAAAJ
Chris Miller	4	https://scholar.google.com/citations?hl=en&user=8kWnDikAAAAJ
Robert Kern	8	https://scholar.google.com/citations?hl=en&user=N_LwjJAAAAAJ

WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/NcQkFfIx.txt

2. AAAI Conference on Human Computation & Crowdsourcing (HCOMP)

Core Rank: B

This venue was published at 20 times by 10 of 16 individuals in the last 5+ years.

The individuals that publish at this venue are: Alexander J. Quinn(4), Alessandro Bozzon(3), Gianluca Demartini(3), Walter S. Lasecki(3), Alessandro Checco(2), Jahna Otterbacher(2), Lora Aroyo(2), Matthew Lease(2), Hisashi Kashima(1), Yukino Baba(1)

In 2018, there were 8 publications by 8 individuals: Alessandro Bozzon, Alessandro Checco, Alexander J. Quinn, Gianluca Demartini, Jahna Otterbacher, Lora Aroyo, Matthew Lease, Walter S. Lasecki

In 2019, there were 3 publications by 4 individuals: Alessandro Checco, Gianluca Demartini, Jahna Otterbacher, Walter S. Lasecki

In 2020, there were 4 publications by 5 individuals: Alessandro Bozzon, Alexander J. Quinn, Hisashi Kashima, Matthew Lease, Yukino Baba

In 2021, there were 4 publications by 4 individuals: Alessandro Bozzon, Alexander J. Quinn, Gianluca Demartini, Lora Aroyo

In 2022, there were 1 publications by 1 individuals: Alexander J. Quinn

10 out of the 16 individuals published at this venue in 1 or more years

8 out of the 16 individuals published at this venue in 2 or more years

3 out of the 16 individuals published at this venue in 3 or more years

1 out of the 16 individuals published at this venue in 4 or more years

Additional Data

Google Scholar Data

Sub-category url: https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_libraryinformationscience

Position in sub-category: 20+

h5 index of 20th item in category: 23

h5 index for this conference: 19

Relationship to similar conferences

Partial ordering of similar conferences in the area, with argument as to where the current venue fits and why:

HCOMP spans across disciplines. In the following we list conferences from multiple related areas.

ACM CHI (CORE A*) also includes HCOMP topics but it is broader. HCOMP-relevant work published in CHI is usually of better quality than that in HCOMP. The type of HCOMP research published here is focussed on HCI issues.

ACM SIGIR (CORE A*) also includes HCOMP topics but it is broader. HCOMP-relevant work published in SIGIR is usually of comparable quality to that in HCOMP. The type of HCOMP research published here is focussed on relevance judgments and data annotation.

ACM WSDM (CORE A*) The ACM International WSDM Conference looks at web search and data mining and has crowdsourcing and human computation as a topic in its call for papers. HCOMP-relevant work published in WWW is usually of comparable quality to that in HCOMP and from the same community of researchers. The type of HCOMP research published here is focussed on human-in-the-loop systems and on relevance judgments for information retrieval evaluation.

ACM WWW (CORE A*), the Web Conference dedicates one of its research tracks to the same topics as HCOMP. HCOMP-relevant work published in WWW is usually of comparable quality to that in HCOMP and from the same community of researchers. The type of HCOMP research published here is very similar to that in the HCOMP conference.

CIKM (CORE A), The ACM International Conference on Information and Knowledge Management focuses on a broad range of topics also including HCOMP having the crowdsourcing topic listed in its call for papers. The type of HCOMP research published here is very similar to that in the HCOMP conference.

IUI (CORE A), the International Conference on Intelligent User Interfaces (IUI) also lists HCOMP topics in its call for papers. Work on this topic published in IUI is generally of comparable quality to that in HCOMP. The type of HCOMP research published here is focussed on user interfaces.

WISE (CORE B), the conference series on Web Information Systems Engineering also lists HCOMP topics in its call for papers. Work on this topic published in WISE is generally of lower quality than that in HCOMP. The type of HCOMP research published here is focussed on system design.

ICWE (CORE B), the International Conference on Web Engineering (ICWE) also lists HCOMP topics in its call for papers. Work on this topic published in WISE is generally of lower quality than that in HCOMP. The type of HCOMP research published here is focussed on system design.

Other Information

Attachments

N/A

Proposers

First name: Gianluca

Last name: Demartini

Affiliation: The University of Queensland

Email: g.demartini@uq.edu.au

First name: Jonathan

Last name: Kummerfeld

Affiliation: The University of Sydney

Email: jonathan.kummerfeld@sydney.edu.au

First name: Danula

Last name: Hettiachchi

Affiliation: RMIT University

Email: danula.hettiachchi@rmit.edu.au

Submitted By

Name: Demartini Gianluca

Email: demartini@acm.org