



**Submission Data for 2020-2021 CORE conference Ranking process
Human-Agent Interaction**

Hiroataka Osawa

Conference Details

Conference

Title: Human-Agent Interaction
Acronym : HAI
Rank: Unranked

Requested Rank

Rank: B

Recent Years

Proceedings Publishing Style

Proceedings Publishing: other

Link to most recent proceedings: <https://dl.acm.org/conference/hai>

Further details: HAI conference is cooperation with ACM and their paper is archived on ACM digital library. This conference is single-track with oral presentations, and also it has poster session. There are also multi-tracked workshop sessions.

Selected papers in HAI 2018 is updated and published in Knowledge Engineering Review (<https://www.cambridge.org/core/journals/knowledge-engineering-review>). Selected papers for HAI 2020 and later conferences will be sent to special journal of Frontiers in AI and Robotics (<https://www.frontiersin.org/research-topics/15434/human-agent-interaction---selected-papers-from-the-8th-edition-of-the-hai-international-conference>).

Most Recent Years

Most Recent Year

Year: 2019
URL: <https://hai-conference.net/hai2019/>
Location: Kyoto, Japan
Papers submitted: 68
Papers published: 26
Acceptance rate: 38
Source for numbers: <https://dl.acm.org/doi/proceedings/10.1145/3349537>

General Chairs

Name: Natsuki Oka
Affiliation: Kyoto Institute of Technology
Gender: M
H Index: 10
GScholar url:
DBLP url: <https://dblp.org/pid/25/2543.html>

Name: Tomoko Koda
Affiliation: Osaka Institute of Technology
Gender: F
H Index: 13
GScholar url: <https://scholar.google.com/citations?user=U1dDFYMAAAJ>
DBLP url: <https://dblp.org/pid/72/1178.html>

Program Chairs

Name: Hideyuki Nakanishi Affiliation: Osaka University Gender: M H Index: 18 G Scholar url: https://scholar.google.com/citations?user=PL-7J4UAAAAJ DBLP url: https://dblp.org/pid/n/HideyukiNakanishi.html
Name: Omar Mubin Affiliation: Western Sydney University Gender: M H Index: 19 G Scholar url: https://scholar.google.com/citations?user=4uczEzUAAAAJ DBLP url: https://dblp.uni-trier.de/pid/70/3814.html
Name: Kazuaki Tanaka Affiliation: Kyoto Institute of Technology Gender: M H Index: 9 G Scholar url: DBLP url: https://dblp.org/pid/27/3086.html
Name: Mohammad Obaid Affiliation: University of New South Wales Gender: M H Index: 17 G Scholar url: https://scholar.google.com/citations?user=7EIqFn4AAAAJ DBLP url: https://dblp.uni-trier.de/pid/74/576.html

Second Most Recent Year

Year: 2018
URL: <https://hai-conference.net/hai2018/>
Location: Southampton, UK
Papers submitted: 92
Papers published: 40
Acceptance rate: 43
Source for numbers: <https://dl.acm.org/doi/proceedings/10.1145/3284432>

General Chairs

Name: Michita Imai Affiliation: Keio University Gender: M H Index: 37 G Scholar url: DBLP url:
Name: Tim Norman Affiliation: University of Southampton Gender: M H Index: 40 G Scholar url: https://scholar.google.com/citations?user=8Rt0X9AAAAAJ DBLP url: https://dblp.org/pid/23/1018.html

Program Chairs

Name: Takanori Komatsu Affiliation: Meiji University Gender: M H Index: 14 G Scholar url: https://scholar.google.com/citations?user=vA7t_zwAAAAAJ DBLP url: https://dblp.org/pid/37/1473.html
Name: Elizabeth Sklar Affiliation: King's College London Gender: F H Index: 30 G Scholar url: https://scholar.google.com/citations?user=G0k6cacAAAAAJ DBLP url: https://dblp.org/pid/s/ElizabethSklar.html

Third Most Recent Year

Year: 2017

URL: <https://hai-conference.net/hai2017/>

Location: Bielefeld, Germany

Papers submitted: 78

Papers published: 37

Acceptance rate: 47

Source for numbers: <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3125739>

General Chairs

Name: Britta Wrede
Affiliation: Bielefeld University
Gender: F
H Index: 35
G Scholar url: <https://scholar.google.com/citations?user=VL0ejs0AAAAJ>
DBLP url:

Name: Yukie Nagai
Affiliation: Osaka University
Gender: F
H Index: 22
G Scholar url: <https://scholar.google.com/citations?hl=ja&user=HqTUx7YAAAAJ>
DBLP url:

Program Chairs

Name: Takanori Komatsu
Affiliation: Meiji University
Gender: M
H Index: 14
G Scholar url: https://scholar.google.com/citations?user=vA7t_zwAAAAJ
DBLP url: <https://dblp.org/pid/37/1473.html>

Name: Marc Hanheide
Affiliation: University of Lincoln
Gender: M
H Index: 27
G Scholar url: <https://scholar.google.com/citations?user=LKnYg9sAAAAJ&hl=ja&oi=ao>
DBLP url:

Name: Lorenzo Natale
Affiliation: Italian Institute of Technology
Gender: M
H Index: 41
G Scholar url: <https://scholar.google.com/citations?hl=ja&user=gERbHcEAAAAJ>
DBLP url:

Policies

Chair Selection: HAI is an interdisciplinary field that spans artificial intelligence, robotics, cognitive science, and human-computer interaction. Research on agents is a field of wide human contact, and diversity and comprehensiveness are important. Therefore, in addition to the achievements of each chair, diversity in research fields, gender, culture and regional diversity are emphasized. The program chair and the general chair will be discussed and determined by the Steering Committee in accordance with the following policies:

- Diversity of research fields
- Achievements in the research field
- Gender and cultural diversity
- Regional diversity

Other chairs are determined through discussions between the general chair and the program chair. In this case, the following items are required:

- Expertise in each chair's skills
- Regional diversity
- Gender and cultural diversity

Policy name: Guideline for Selection of Chairs

Policy url: <https://hai-conference.net/what-is-hai/guideline/>

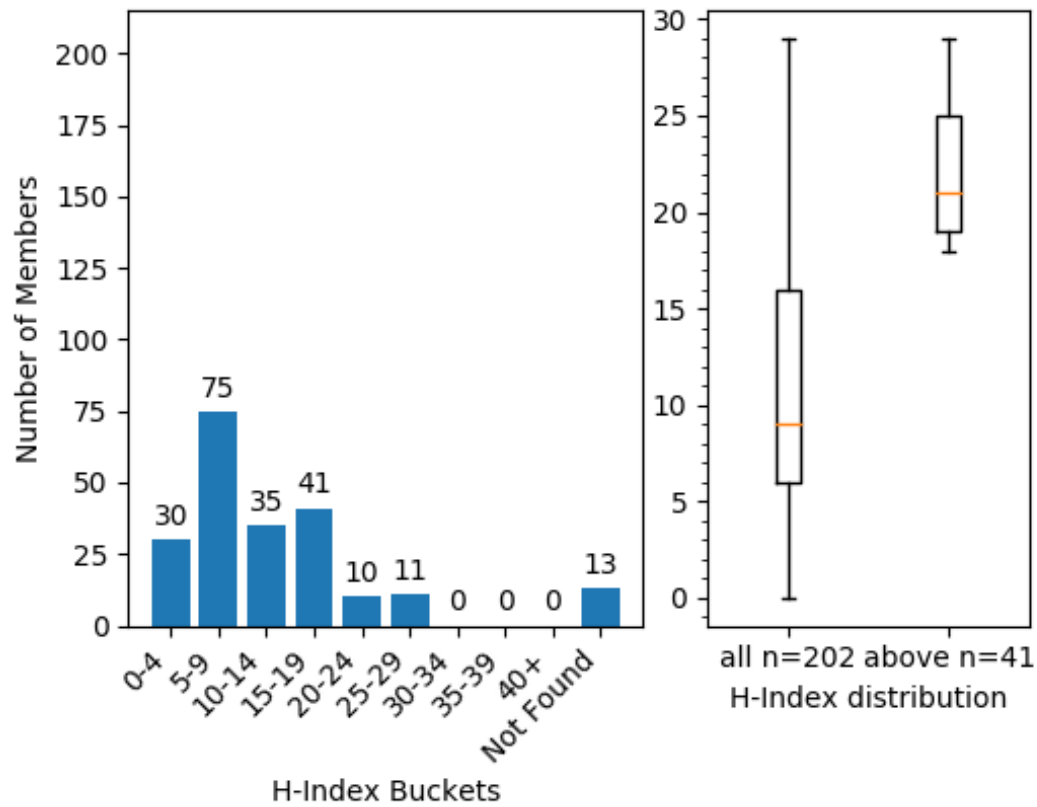
(Senior) Program Committee

Link to (s)pc: <https://hai-conference.net/hai2020/program-committee/>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/spcformat_34GPJCN.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1579.png

Information Contained within this graph is derived using the Elsevier Scopus Database 2021.



Data and Metrics

Google Scholar Metrics

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

Position in sub-category: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank1579_gscholar_minh5.png

	Publication	h5-index	h5-median
1.	IEEE International Conference on Robotics and Automation	94	144
2.	IEEE/ASME Transactions on Mechatronics	68	94
3.	IEEE/RSJ International Conference on Intelligent Robots and Systems	63	92
4.	The International Journal of Robotics Research	61	103
5.	IEEE Transactions on Robotics	61	83
6.	Robotics and Autonomous Systems	56	87
7.	IEEE Robotics and Automation Letters	53	79
8.	Robotics: Science and Systems	51	95
9.	Robotics and Computer-Integrated Manufacturing	50	67
10.	Science Robotics	47	82
11.	ACM/IEEE International Conference on Human Robot Interaction	46	66
12.	Journal of Intelligent & Robotic Systems	46	58
13.	Journal of Field Robotics	45	68
14.	Autonomous Robots	42	62
15.	Bioinspiration & Biomimetics	37	55
16.	Mechatronics	37	52
17.	Soft Robotics	35	59
18.	International Journal of Social Robotics	35	50
19.	IEEE Robotics & Automation Magazine	34	55
20.	Frontiers in Robotics and AI	33	52

Dates and citation counts are estimated and are determined automatically by a computer program.

h5-index for this conference: 13

ACM Metrics

Is an ACM sponsored conference: True

Providing ACM Stats: True

ACM Statistics

Downloads in last 12 months: 18763

Average citations per article: 1

Average downloads per article: 110

ACM Most frequently publishing

Name: Tomoko Yonezawa Paper Count: 13 Google Scholar h-index: 13 Gscholar url: https://scholar.google.com/citations?user=fgSJPdcAAAAJ
Name: Hiroshi Ishiguro Paper Count: 10 Google Scholar h-index: 83 Gscholar url: https://scholar.google.com/citations?user=BNhvcyYAAAAJ
Name: Naoto Yoshida Paper Count: 10 Google Scholar h-index: 0 Gscholar url: https://scholar.google.com/scholar?q=Naoto+Yoshida
Name: Seiji Yamada Paper Count: 9 Google Scholar h-index: 26 Gscholar url: https://scholar.google.com/citations?user=MB01J8UAAAAJ
Name: Hirotaka Osawa Paper Count: 9 Google Scholar h-index: 16 Gscholar url: https://scholar.google.com/citations?user=HpypdTcAAAAJ
Name: Yugo Takeuchi Paper Count: 8 Google Scholar h-index: 15 Gscholar url: https://scholar.google.com/citations?user=jNzFvooAAAAJ
Name: Michita Imai Paper Count: 8 Google Scholar h-index: 37 Gscholar url: https://scholar.google.com/citations?user=lYqJ_FsAAAAJ
Name: Masahiro Shiomi Paper Count: 8 Google Scholar h-index: 31 Gscholar url: https://scholar.google.com/citations?user=6a8bsRQAAAAJ
Name: Toyoaki Nishida Paper Count: 8 Google Scholar h-index: 32 Gscholar url: https://scholar.google.com/citations?user=yBpGoLMAAAAJ
Name: Mohammad Obaid Paper Count: 8 Google Scholar h-index: 19 Gscholar url: https://scholar.google.com/citations?user=7EIqFn4AAAAJ

Aminer Rank

Not Listed in Aminer

Other Rankings

Not aware of any other Rankings

Conferences in area: 1. International Conference on Autonomous Agents and Multiagent Systems 2. ACM/IEEE International Conference on Human-Robot Interaction 3. International Conference on Human-Agent Interaction 4. IEEE International Symposium on Robot and Human Interactive Communication 5. International Conference on Social Robotics

Top People Publishing Here

name: Hiroshi Ishiguro

justification: He is founder of android science and occasionally published his work on HAI. He is the leader of Intelligent Robotics Laboratory, part of the Department of Systems Innovation in the Graduate School of Engineering Science at Osaka University, Japan. His h-index is 80.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	3	2	4

Attendance: ALWAYS

name: Seiji Yamada

justification: He is well-known founder of human-agent interaction field. His h-index is 26.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	2	4	1

Attendance: ALWAYS

name: Jun Rekimoto

justification: Pioneer for HCI field and well-known as a proposal for the field augmented human. Fellow, Deputy Director of Research, Sony Computer Science Laboratories, Inc. His H-index is 78.

Paper counts:

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

Attendance: SOMETIMES

name: Masahiro Shiomi

justification: He is top research for tangible hugging robots field. His h-index is 30.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	0	2	5

Attendance: OFTEN

name: Tony Belpaeme

justification: One of prominent researcher on social robotics and human-agent interaction. His h-index is 37.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	2	0	0

Attendance: SOMETIMES

name: Astrid Weiss

justification: Pioneering researcher for social robotics. Her h-index is 26.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	0	0	1	0

Attendance: OCCASIONALLY

name: Norio Hagita

justification: Top leader of ATR in Japan, and leading researcher for robotics in moon-shot project. His h-index is 54.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	1	0	2	3

Attendance: OCCASIONALLY

name: Britta Wrede

justification: Well-known researcher for human-agent interaction. Her h-index is 35.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	3	2

Attendance: SOMETIMES

name: Michita Imai

justification: One of pioneer on social robot field. His h-index is 37.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	1	4	2	1

Attendance: ALWAYS

name: Matthias Rauterberg

justification: One of pioneer for studies in game. His h-index is 34.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	3	4

Attendance: SOMETIMES

Where People Publish

Top (Senior) Program Committee Members

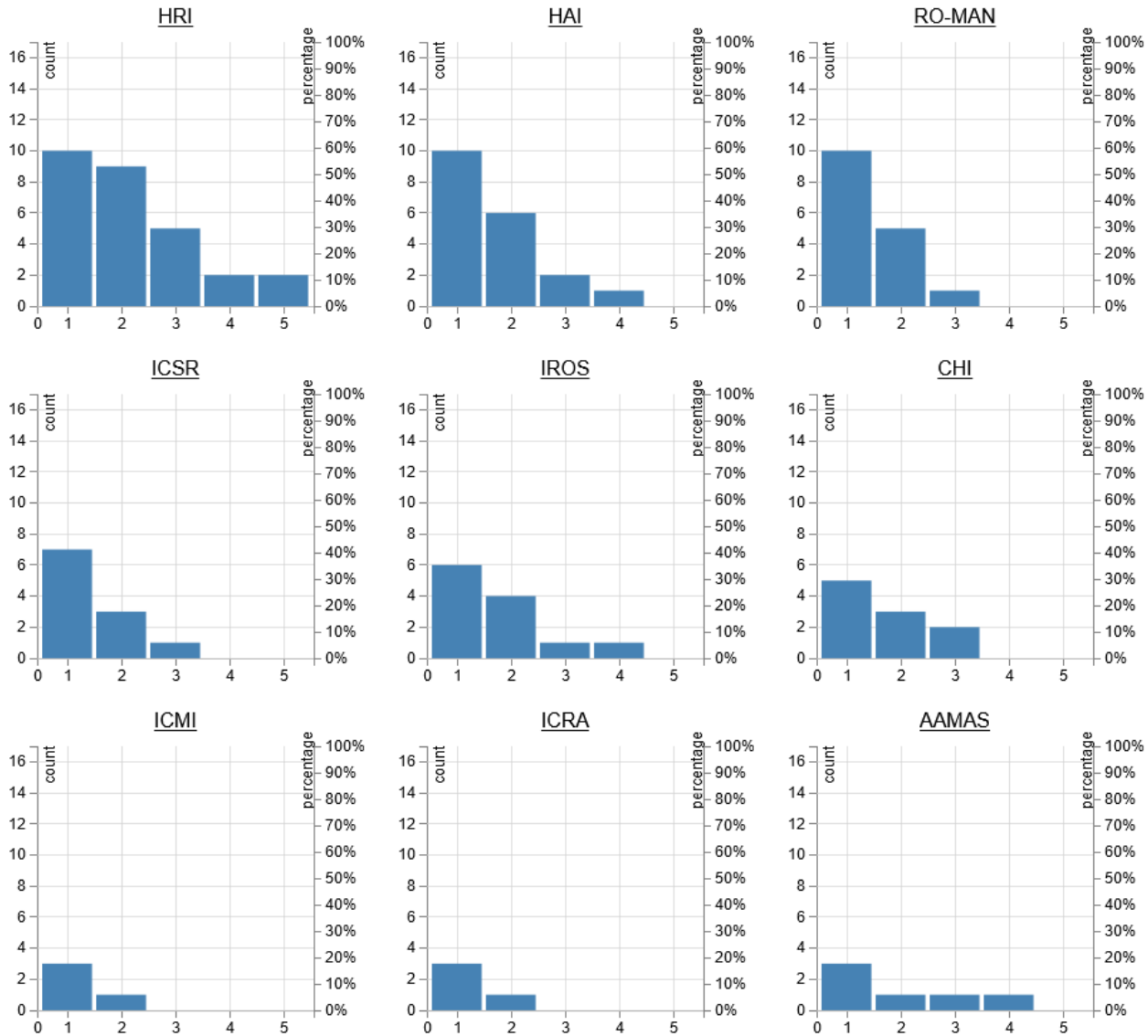
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WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1579_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1579_spc_graph.png

Repeat year publishing

These graphs show numbers of people publishing in multiple years. Each column shows number of people in that many or more years. The number publishing in a specific number of years can be seen by the difference with respect to the previous column.



Reference item: \\ 1 : IEEE/ACM International Conference on Human-Robot Interaction (HRI)

2 : International Conference on Human-Agent Interaction (HAI)

3 : IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN)

4 : International Conference on Social Robotics (ICSR)

5 : IEEE/RJS International Conference on Intelligent Robots and Systems (IROS)

6 : International Conference on Human Factors in Computing Systems (CHI)

Additional 77 conferences

7 : International Conference on Multimodal Interaction (ICMI)

8 : IEEE International Conference on Robotics and Automation (ICRA)

9 : International Joint Conference on Autonomous Agents & Multiagent Systems (AAMAS)

10 : IEEE International Conference on Systems, Man and Cybernetics (SMC)

- 11 : AAAI Fall Symposia
- 12 : International Conference of the Italian Association for Artificial Intelligence (AI*IA)
- 13 : IEEE-RAS International Conference on Humanoid Robots (Humanoids)
- 14 : Symposium on Designing Interactive Systems (DIS)
- 15 : Tangible and Embedded Interaction (TEI)
- 16 : International Conference on Human-Computer Interaction (HCI)
- 17 : Towards Autonomous Robotic Systems (TAROS)
- 18 : Eye Tracking Research & Application (ETRA)
- 19 : International Conference on Language Resources and Evaluation (LREC)
- 20 : International Conference on Rehabilitation Robotics (ICORR)
- 21 : International Conference on Knowledge-Based Intelligent Information & Engineering Systems (KES)
- 22 : International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI)
- 23 : Symposium on Spatial User Interaction (SUI)
- 24 : Computational Models of Argument (COMMA)
- 25 : International Conference on Neural Information Processing (ICONIP)
- 26 : International Conference on Agile Software Development (XP)
- 27 : Intelligent Autonomous Systems (IAS)
- 28 : Nordic Conference on Human-Computer Interaction (NordiCHI)
- 29 : IEEE International Conference on Image Processing (ICIP)
- 30 : International Conference on Advanced Robotics (ICAR)
- 31 : Cooperative Systems Design (COOP)
- 32 : Eurographics Symposium on Virtual Environments (EGVE)
- 33 : International Semantic Web Conference (ISWC)
- 34 : Joint IEEE International Conference on Development and Learning and on Epigenetic Robotics (ICDL-EpiRob)
- 35 : Workshop on Advanced Robotics and its Social Impacts (ARSO)
- 36 : International Conference on Intelligent Transportation Systems (ITSC)
- 37 : International Conference on Distributed Computing in Sensor Systems (DCOSS)
- 38 : Creativity & Cognition
- 39 : Eurographics Workshop on Intelligent Cinematography and Editing (WICED)
- 40 : Intelligent Technologies for Interactive Entertainment (INTETAIN)
- 41 : International Conference on Interaction Design and Children (IDC)
- 42 : International Joint Conference on Artificial Intelligence (IJCAI)

43 : ACM International Conference on Multimedia (MM)

44 : International Conference on Virtual Reality Continuum and its Applications in Industry (VRCAI)

45 : European Conference on Artificial Intelligence (ECAI)

46 : IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)

47 : Affective Computing and Intelligent Interaction (ACII)

48 : Annual Meeting of the Cognitive Science Society (CogSci)

49 : Graphics Interface

50 : Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA)

51 : International Conference on Information Fusion (FUSION)

52 : International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI)

53 : Ubiquitous Computing (UbiComp)

54 : AAAI/ACM Conference on AI, Ethics, and Society (AIES)

55 : International Conference on Intelligent User Interfaces (IUI)

56 : IEEE Workshop/Winter Conference on Applications of Computer Vision (WACV)

57 : International Conference on Pervasive Technologies Related to Assistive Environments (PETRA)

58 : International Conference on Speech Technology and Human-Computer Dialogue (SpeD)

59 : International Conference on Interactive Collaborative Robotics (ICR)

60 : IEEE Scientific Visualization Conference (SciVis)

61 : Conference on Computer Supported Cooperative Work (CSCW)

62 : International Conference on Image Analysis and Processing (ICIAP)

63 : IEEE International Joint Conference on Neural Network (IJCNN)

64 : IFIP TC13 International Conference on Human-Computer Interaction (INTERACT)

65 : International Conference on Agents and Artificial Intelligence (ICAART)

66 : British Machine Vision Conference (BMVC)

67 : Visualization and Data Analysis (VDA)

68 : ACM SIGGRAPH Conference and Exhibition on Computer Graphics and Interactive Techniques in Asia (SIGGRAPH Asia)

69 : International Conference of Distributed Computing and Networking (ICDCN)

70 : International Conference on Robotic Computing (IRC)

71 : IEEE Intelligent Vehicles Symposium (IV)

72 : International Workshop on Theorie and Applications of Formal Argumentation (TAFA)

73 : International Working Conference on Advanced Visual Interfaces (AVI)

74 : National Conference on Computer Vision, Pattern Recognition, Image Processing, and Graphics (NCVPRIPG)

- 75 : IEEE Conference on Virtual Reality and 3D User Interfaces (VR)
- 76 : International Conference on Legal Knowledge and Information Systems (JURIX)
- 77 : British Computer Society Conference on Human-Computer Interaction (BCS HCI)
- 78 : International Smart Cities Conference (ISC2)
- 79 : International Conference on Logic Programming and Non-Monotonic Reasoning (LPNMR)
- 80 : International Conference on Communication Systems and Networks (COMSNETS)
- 81 : ACM Symposium on User Interface Software and Technology (UIST)
- 82 : Robotics: Science and Systems Conference (RSS)
- 83 : Computer Graphics International Conference (CGI)

Top People Report

Not providing Top People Report

Other Information

Comparator Comparison

Comparator

IEEE/WIC/ACM International Joint Conferences on Web Intelligence and Intelligent Agent Technology

Explanation as to why conference is superior to comparator:

WI-IAT is one of third tier conference for agent and AI communities. It starts as IAT in 1999 and conducted over 20 times. It was separated since 2018 and 2019 with WI and ICA, and cooperated again in 2020. Now it is lower rank conference than HAI. They are not frequently maintained (some of website is disappeared). Usually long paper acceptance rate is lower than 25% but including short papers, total acceptance rate is over 50%. Although there are more than 20 annual conferences, it's h5-index is still 18. On the other hand, HAI's h5-index is already growing 13, within eight year's history. Also, HAI's acceptance rate is lower than 40% now.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1579_1036.pdf

Comparator

International Conference on Principles of Practice in Multi-Agent Systems (prior to 2009 was Pacific Rim International Workshop on Multi-Agents)

Explanation as to why conference is superior to comparator:

PRIMA is previously second or third tier conference for agent community. Now they turned into the theme to Principles and Practice of Multi-Agent Systems, but quality of the papers are relatively small impact than HAI. It is expected as lower conference than HAI. Although there are 23 annual conferences in PRIMA, it's h5-index is still 12. On the other hand, HAI's h5-index is already 13, within eight year's history.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1579_1037.pdf

Comparator

Intelligent Virtual Agents

Explanation as to why conference is superior to comparator:

IVA is one of the old and second tier conference for social agent communities including screen agent and social robots. This conference is expected as similar rank as HAI. Participants are similar to HAI, but community is more old and focused. Their studies are hugely centralized to on-screen agent, and robots are not enthusiastically handled. Thus, paper diversity is smaller than HAI. Usually their acceptance rate is around 40% but separated them to long and short papers (thus, ACM mistakenly recorded lower acceptance rate for oral papers). Although there are more than 20 annual conferences, it's h5-index is still 16. On the other hand, HAI's h5-index is already growing 13, within eight year's history.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1579_1071.pdf

Attachments

N/A

Proposers

First name: Hirotaka
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Submitted By

Name: Osawa Hirotaka
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