Submission Data for 2020-2021 CORE conference Ranking process
ACM Symposium on User Interface Software and Technology

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Conference Details

Conference

Title: ACM Symposium on User Interface Software and Technology
Acronym : UIST
Rank: A

Requested Rank

Rank: A*

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained
Link to most recent proceedings: `https://dl.acm.org/doi/proceedings/10.1145/3379337`
Further details: Publisher: Association for Computing Machinery (ACM), New York. USA. Format: Self-contained proceedings. Archive: ACM Digital Library Other formats: Only research papers are published under the main title. Workshop, demos and work in progress are published under a separate title âĂİJAdjunct Proceedings of the Annual ACM Symposium on User Interface Software and TechnologyâĂİ.

Most Recent Years

Most Recent Year

Year: 2019
URL: `https://uist.acm.org/uist2019/`
Location: New Orleans, Louisiana, USA
Papers submitted: 381
Papers published: 93
Acceptance rate: 24
Source for numbers: `https://dl.acm.org/doi/proceedings/10.1145/3332165`

General Chairs

Name: Francois Guimbretiere
Affiliation: Cornell University
Gender: M
H Index: 40
GScholar url: `https://scholar.google.com/citations?user=PxZT1sgAAAAJ&hl=en`
DBLP url: `https://dblp.org/pid/g/FrancoisGuimbretiere.html`

Program Chairs

Name: Michael S. Bernstein
Affiliation: Stanford University
Gender: M
H Index: 47
GScholar url: `https://scholar.google.com/citations?user=zkhHirIAAAAJ&hl=en`
DBLP url: `https://dblp.org/pid/48/2547.html`

Name: Katharina Reinecke
Affiliation: University of Washington
Gender: F
H Index: 23
GScholar url: `https://scholar.google.com/citations?user=_4EISRwAAAAJ&hl=en`
DBLP url: `https://dblp.org/pid/33/318.html`

Second Most Recent Year

Year: 2018
URL: http://uist.acm.org/uist2018/
Location: Berlin, Germany
Papers submitted: 375
Papers published: 80
Acceptance rate: 21
Source for numbers: https://dl.acm.org/doi/proceedings/10.1145/3242587

General Chairs

Name: Patrick Baudisch
Affiliation: Hasso Plattner Institute, Germany
Gender: M
H Index: 75
GScholar url: https://scholar.google.com/citations?user=GdRdhYwAAAAJ&hl=en
DBLP url: https://dblp.org/pid/b/PatrickBaudisch.html

Name: Albrecht Schmidt
Affiliation: LMU Munich
Gender: M
H Index: 68
GScholar url: https://scholar.google.com/citations?hl=en&user=qM5jR7YAAAAJ
DBLP url: https://dblp.org/pid/s/AlbrechtSchmidt1.html

Program Chairs

Name: Andrew Wilson
Affiliation: Microsoft Research
Gender: M
H Index: 87
GScholar url: https://scholar.google.com/citations?user=qi7fvXoAAAAJ&hl=en
DBLP url: https://dblp.org/pid/77/3558.html

Third Most Recent Year

Year: 2017
URL: http://uist.acm.org/uist2017/
Location: Quebec City, Canada
Papers submitted: 324
Papers published: 73
Acceptance rate: 23
Source for numbers: https://dl.acm.org/doi/proceedings/10.1145/3126594

General Chairs

Name: Krzysztof Gajos
Affiliation: Harvard University
Gender: M
H Index: 43
GScholar url: https://scholar.google.com/citations?hl=en&user=MnnERiQAAAAJ
DBLP url: https://dblp.org/pid/g/KrzysztofZGajos.html

Program Chairs

Name: Jennifer Mankoff
Affiliation: University of Washington
Gender: F
H Index: 51
GScholar url: https://scholar.google.com/citations?hl=en&user=mhmvCgsAAAAJ
DBLP url: https://dblp.org/pid/84/6721.html

Name: Chris Harrison
Affiliation: Carnegie Mellon University
Gender: M
H Index: 49
GScholar url: https://scholar.google.com/citations?hl=en&user=36HRdqMAAAAJ
DBLP url: https://dblp.org/pid/77/2637.html

Policies

Chair Selection: The chair for each year is selected by the steering committee, normally two years in advance. Selection criteria includes being a recognizable senior member of the community and having demonstrated leadership experience (e.g., often as a past program committee member, or having successfully chaired a smaller conference). However, priority is also given to diverse candidates (e.g. program co-chairs and more than 50% of the conference committee for the last conference were women).

The conference steering committee chair and vice-chair stand for election every other year and then appoint at least two additional steering committee members.

There are several policies governing the process: SIGCHI Conference Policy lists all the sub policies.

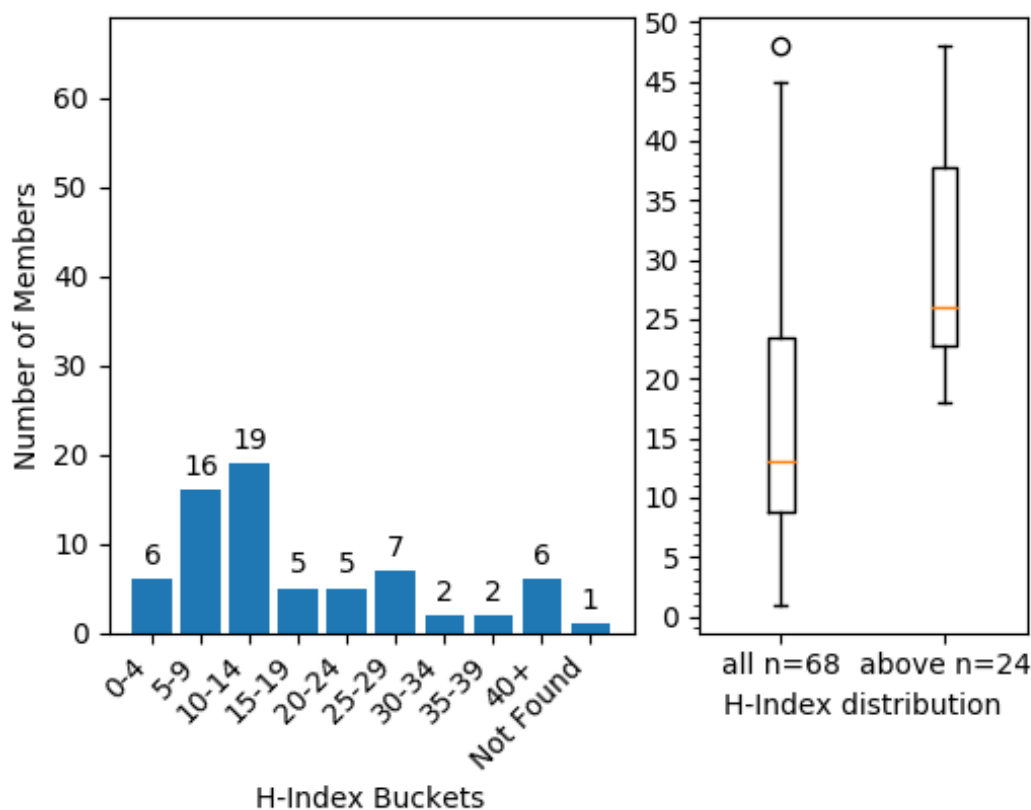Policy name: SIGCHI Conference Policies

Policy url: `https://sigchi.org/about/sigchi-policies/conference-policies/`

(Senior) Program Committee

Link to (s)pc: `https://uist.acm.org/uist2020/organizers.html`

File: `http://portal.core.edu.au/core/media/conf_submissions_spc_file/SPC-2020_yNR43gl.csv`

H-index plot: `http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1499.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.au/citations?view_op=top_venues&hl=en&vq=eng_humancomputerinteraction`

Position in sub-category: 6

Image of top 20: `http://portal.core.edu.au/core/media/changes_h5/higherrank1499_gscholar_minh5.png`

	Publication	h5-index	h5-median
1.	Computer Human Interaction (CHI)	95	122
2.	ACM Conference on Computer-Supported Cooperative Work & Social Computing	61	86
3.	ACM Conference on Pervasive and Ubiquitous Computing (UbiComp)	54	91
4.	ACM/IEEE International Conference on Human Robot Interaction	46	66
5.	IEEE Transactions on Affective Computing	45	85
6.	ACM Symposium on User Interface Software and Technology	44	68
7.	International Journal of Human-Computer Studies	43	70
8.	IEEE Transactions on Human-Machine Systems	40	64
9.	Behaviour & Information Technology	36	48
10.	ACM Transactions on Computer-Human Interaction (TOCHI)	34	53
11.	International Conference on Multimodal Interfaces (ICMI)	33	63
12.	IEEE Transactions on Haptics	31	44
13.	International Journal of Human-Computer Interaction	31	44
14.	Conference on Designing Interactive Systems	31	41
15.	Universal Access in the Information Society	31	41
16.	International Conference on Intelligent User Interfaces (IUI)	31	39
17.	HCI International	30	45
18.	Mobile HCI	30	43
19.	IEEE Virtual Reality Conference	28	38
20.	International Conference on Tangible, Embedded, and Embodied Interaction	27	41

h5-index for this conference: 44

ACM Metrics

Is an ACM sponsored conference: True
Providing ACM Stats: True

ACM Statistics

Downloads in last 12 months: 190032
Average citations per article: 25
Average downloads per article: 740

ACM Most frequently publishing

Name: Xingdong Yang Paper Count: 15 Google Scholar h-index: 21 Gscholar url: `https://scholar.google.com/citations?hl=en&user=9WfDSNwAAAAJ`
Name: Tovi Grossman Paper Count: 12 Google Scholar h-index: 50 Gscholar url: `https://scholar.google.com/citations?hl=en&user=EZgkJ3sAAAAJ`
Name: Hiroyuki Manabe Paper Count: 12 Google Scholar h-index: 13 Gscholar url: `https://scholar.google.com/citations?hl=en&user=HdGFv2cAAAAJ`
Name: Wataru Yamada Paper Count: 12 Google Scholar h-index: 0 Gscholar url: `https://scholar.google.com`
Name: Bing-Yu Chen Paper Count: 11 Google Scholar h-index: 36 Gscholar url: `https://scholar.google.com/citations?user=8UC5dY4AAAAJ&hl=en`
Name: Kouta Minamizawa Paper Count: 11 Google Scholar h-index: 27 Gscholar url: `https://scholar.google.com/citations?hl=en&user=gxCL2_wAAAAJ`
Name: Sean Follmer Paper Count: 11 Google Scholar h-index: 29 Gscholar url: `https://scholar.google.com/citations?hl=en&user=f3g5oeEAAAAJ`
Name: Hideki Koike Paper Count: 10 Google Scholar h-index: 31 Gscholar url: `https://scholar.google.com/citations?hl=en&user=Ih8cJXQAAAAJ`
Name: Maneesh Agrawala Paper Count: 10 Google Scholar h-index: 71 Gscholar url: `https://scholar.google.com/citations?hl=en&user=YPzKczYAAAAJ`
Name: Otmar Hilliges Paper Count: 10 Google Scholar h-index: 54 Gscholar url: `https://scholar.google.com/citations?hl=en&user=-epU9OsAAAAJ`

Aminer Rank

Aminer rank: 3
Aminer name: ACM Symposium on User Interface Software and Technology
Acronym / shortname: UIST
h-5 index: 43
CCF level: B
THU level: A
Top Aminer Cites: `http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1499_aminer_top_cite.png`

Publications

Browse by Citation

1

Soylent: a word processor with a crowd inside

Michael S. Bernstein, Greg Little, Robert C. Miller, Björn Hartmann, Mark S. Ackerman, David R. Karger, David Crowell, Katrina Panovich

(2015)

Cited by **879**

2

Orbits: Gaze Interaction for Smart Watches using Smooth Pursuit Eye Movements

Augusto Esteves, Eduardo Velloso, Andreas Bulling, Hans Gellersen

(2015)

Cited by **148**

3

Tomo: Wearable, Low-Cost Electrical Impedance Tomography for Hand Gesture Recognition

Yang Zhang, Chris Harrison

(2015)

Cited by **147**

4

NormalTouch and TextureTouch: High-fidelity 3D Haptic Shape Rendering on Handheld Virtual Reality Controllers

Hrvoje Benko, Christian Holz, Mike Sinclair, Eyal Ofek

(2016)

Cited by **143**

5

Interacting with Soli: Exploring Fine-Grained Dynamic Gesture Recognition in the Radio-Frequency Spectrum

Saiwen Wang, Jie Song, Jaime Lien, Ivan Poupyrev, Otmar Hilliges

(2016)

Cited by **140**

6

ViBand: High-Fidelity Bio-Acoustic Sensing Using Commodity Smartwatch Accelerometers

Gierad Laput, Robert Xiao, Chris Harrison

(2016)

Cited by **130**

7

Impacto: Simulating Physical Impact by Combining Tactile Stimulation with Electrical Muscle Stimulation

Pedro Lopes, Alexandra Ion, Patrick Baudisch

(2015)

Cited by **113**

8

Zooids: Building Blocks for Swarm User Interfaces

Mathieu Le Goc, Lawrence H. Kim, Ali Parsaei, Jean-Daniel Fekete, Pierre Dragicevic, Sean Follmer

(2016)

Cited by **110**

9

TurkDeck: Physical Virtual Reality Based on People

Lung-Pan Cheng, Thijs Roumen, Hannes Rantzsch, Sven Köhler, Patrick Schmidt, Robert Kovacs, Johannes Jasper, Jonas Kemper, Patrick Baudisch

(2015)

Cited by **102**

10

CyclopsRing: Enabling Whole-Hand and Context-Aware Interactions Through a Fisheye Ring

Li-Wei Chan, Yi-Ling Chen, Chi-Hao Hsieh, Rong-Hao Liang, Bing-Yu Chen

(2015)

Cited by **98**

11

Metamaterial Mechanisms

Alexandra Ion, Johannes Frohnhofen, Ludwig Wall, Robert Kovacs, Mirela Alistar, Jack Lindsay, Pedro Lopes, Hsiang-Ting Chen, Patrick Baudisch

(2016)

Cited by **98**

12

OverCode: Visualizing Variation in Student Solutions to Programming Problems at Scale

Elena L. Glassman, Jeremy A Scott, Rishabh Singh, Philip J. Guo, Robert C. Miller

(2015)

Cited by **96**

13

Rico: A Mobile App Dataset for Building Data-Driven Design Applications

Biplab Deka, Zifeng Huang, Chad Franzen, Joshua Hibschman, Daniel Afergan, Yang Li, Jeffrey Nichols, Ranjitha Kumar

(2017)

Cited by **83**

14

EM-Sense: Touch Recognition of Uninstrumented, Electrical and Electromechanical Objects

Gierad Laput, Chouchang Yang, Robert Xiao, Alanson Sample, Chris Harrison

(2015)

Cited by **77**

15

Foldio: Digital Fabrication of Interactive and Shape-Changing Objects With Foldable Printed Electronics

Simon Olberding, Sergio Soto Ortega, Klaus Hildebrandt, Jürgen Steimle

(2015)

Cited by **77**

Other Rankings

Not aware of any other Rankings

Conferences in area: 1. ACM Computer Human Interaction (CHI) 2. ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW) 3. ACM Conference on Pervasive and Ubiquitous Computing (IMWUT) 4. ACM Symposium on User Interface Software and Technology (UIST) 5. ACM/IEEE International Conference on Human Robot Interaction (HRI) 6. ACM Conference on Designing Interactive Systems (DIS) 7. ACM Mobile HCI (MobileHCI) 8. ACM International Conference on Tangible, Embedded and Embodied Interaction (TEI) 9. ACM International Conference on Interactive Surfaces and Spaces (ISS) 10. International Conference on Intelligent User Interfaces (IUI)

Top People Publishing Here

name: Wendy E. Mackay
justification: "ACM Fellow; H-Index: 53;"
Paper counts:

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

Attendance: ALWAYS
name: Steven Feiner
justification: "ACM Fellow; H-Index: 79; Google top 20 in human_computer_interaction;"
Paper counts:

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

Attendance: ALWAYS
name: Pattie Maes
justification: "H-Index: 80; Google top 20 in human_computer_interaction;"
Paper counts:

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

Attendance: OFTEN
name: Joseph A. Paradiso
justification: "H-Index: 63; Google top 20 in ubiquitous_computing;"
Paper counts:

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

Attendance: OFTEN
name: Jun Rekimoto
justification: "H-Index: 78; Google top 20 in ubiquitous_computing"
Paper counts:

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

Attendance: ALWAYS
name: Patrick Baudisch
justification: "H-Index: 75; ACM Distinguished Scientist. ACM CHI Academy."
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	3	3	3	5

Attendance: ALWAYS
name: Tovi Grossman
justification: "H-Index: 50; Vice-chair of the ACM CHI Steering Committee."
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	5	2	3	3

Attendance: ALWAYS
name: Ravin Balakrishnan
justification: "H-Index: 78; Sloan Research Fellow."
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	5	2	3	3

Attendance: OFTEN
name: Scott E. Hudson
justification: "H-Index: 69; CHI Academy, Vice-chair of the ACM CHI Steering Committee."
Paper counts:

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

Attendance: ALWAYS
name: Chris Harrison

justification: "Added as an rising young researcher in HCI; H-Index: 49; MIT Top 35 Innovators Under 35, World Economic Forum Young Scientist, Intel Outstanding Researcher Award;"

Paper counts:

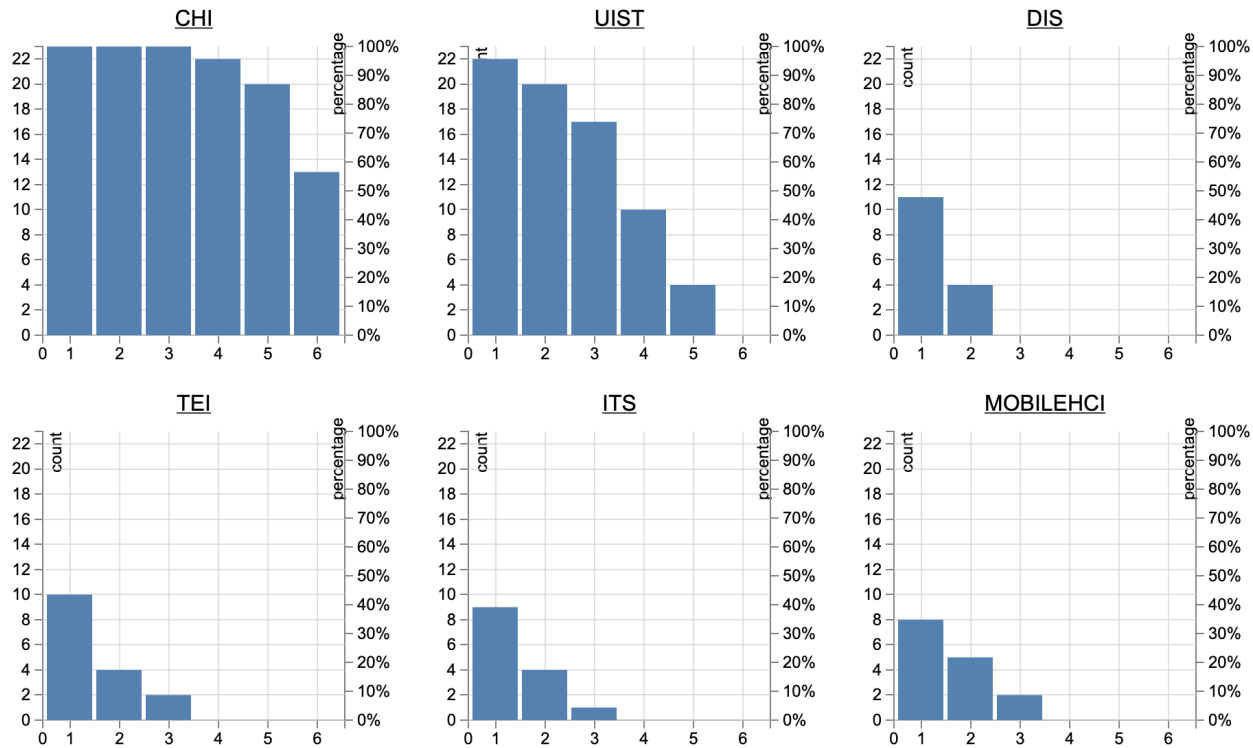| Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
4	2	0	3	3

Attendance: ALWAYS

Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1499_top_spc.csv
WPP Report: `http://portal.core.edu.au/core/media/conf_rank_report/higherrank1499_spc_report.txt`
Graphs: `http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1499_spc_graph.png`


```
Reference item: \\ 2. ACM Symposium on User Interface Software and Technology (UIST)
----------------------------------------------------------------

This conference was published at 128 times by 22 of 23 experts in the last 5 years.

The experts that publish at this conference are: Sebastian Boring(1), Patrick Baudisch(15), Nathalie Henry
Riche(1), Sean Follmer(13), Michel Beaudouin-Lafon(4), Daniel Wigdor(6), Sriram Subramanian(9), Enrico Rukzio(8),
Robert Xiao(5), Bing-Yu Chen(13), Roel Vertegaal(4), Bjoern Hartmann(10), Hans-Werner Gellersen(6), Justin
Matejka(2), Wolfgang Stuerzlinger(3), Takeo Igarashi(4), Scott E. Hudson(4), Ken Hinckley(3), Mike Y. Chen(5),
Wendy E. Mackay(8), Andrew D. Wilson(4), Otmar Hilliges(7)

In 2015, there were 28 publications by 17 experts: Michel Beaudouin-Lafon, Robert Xiao, Daniel Wigdor, Bing-Yu
Chen, Scott E. Hudson, Ken Hinckley, Bjoern Hartmann, Patrick Baudisch, Sebastian Boring, Mike Y. Chen, Sean
Follmer, Justin Matejka, Roel Vertegaal, Hans-Werner Gellersen, Wendy E. Mackay, Andrew D. Wilson, Wolfgang
Stuerzlinger
In 2016, there were 34 publications by 17 experts: Michel Beaudouin-Lafon, Sriram Subramanian, Justin Matejka,
Bing-Yu Chen, Scott E. Hudson, Roel Vertegaal, Bjoern Hartmann, Patrick Baudisch, Hans-Werner Gellersen, Mike Y.
Chen, Sean Follmer, Otmar Hilliges, Ken Hinckley, Wendy E. Mackay, Takeo Igarashi, Enrico Rukzio, Robert Xiao
In 2017, there were 20 publications by 10 experts: Sriram Subramanian, Wolfgang Stuerzlinger, Bing-Yu Chen, Bjoern
Hartmann, Patrick Baudisch, Hans-Werner Gellersen, Mike Y. Chen, Sean Follmer, Wendy E. Mackay, Otmar Hilliges
In 2018, there were 19 publications by 11 experts: Michel Beaudouin-Lafon, Sriram Subramanian, Daniel Wigdor,
Bing-Yu Chen, Roel Vertegaal, Bjoern Hartmann, Patrick Baudisch, Mike Y. Chen, Wendy E. Mackay, Enrico Rukzio,
Otmar Hilliges
In 2019, there were 27 publications by 18 experts: Michel Beaudouin-Lafon, Sriram Subramanian, Daniel Wigdor,
Wolfgang Stuerzlinger, Bing-Yu Chen, Scott E. Hudson, Ken Hinckley, Bjoern Hartmann, Patrick Baudisch, Hans-Werner
```

Gellersen, Andrew D. Wilson, Sean Follmer, Nathalie Henry Riche, Otmar Hilliges, Wendy E. Mackay, Takeo Igarashi, Enrico Rukzio, Robert Xiao

22 out of the 23 experts published at this conference in 1 or more years
20 out of the 23 experts published at this conference in 2 or more years
17 out of the 23 experts published at this conference in 3 or more years
10 out of the 23 experts published at this conference in 4 or more years
4 out of the 23 experts published at this conference in 5 or more years

Top People Report

Not providing Top People Report

Other Information

Comparator Comparison

Comparator

IEEE International Symposium on Wearable Computers

Explanation as to why conference is superior to comparator:
¿ h5 index of UIST is 44 whereas h5 of ISWC is 24. This more than twice the comparator.
¿ UIST appears as the 6th of the top 20 conferences for HCI in google scholar metrics. ISWC is not part of the top 20.
¿ Experts preferred UIST to be 2nd most preferred venue in WPP for top people, whereas InfoVis is 33rd.
¿ Last three-year average acceptance rate for UIST is 22.7 (SD=1.53) whereas last two-year average acceptance rate fo of ISWC is much higher at 34.5 (SD=7.21).
¿ Google h-indexes analysis of general chairs and program committee chairs at UIST indicates more seniority than ISWC.
¿ In HCI community, UIST is considered as the top venue for systems and new technology-oriented research.
¿ To the best of our knowledge, and to the data reported in this application, we did not see any evidence ISWC appear stronger than UIST.
** ISWC is a high-quality venue and the above information is given for comparison purposes only.
Link to comparator report:
http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1499_1012.pdf

Comparator

IEEE Information Visualization Conference

Explanation as to why conference is superior to comparator:
¿ h5 index of UIST is 44 whereas h5 of InfoVis is 12. This more than three times the comparator.
¿ UIST appears as the 6th of the top 20 conferences for HCI in google scholar metrics. InfoVis is not part of the top 20.
¿ Experts in InfoVis 2019 program committee preferred UIST to be 5th most preferred venue in WPP for top people, whereas InfoVis is 7th.
¿ Google h-indexes analysis of general chairs and program committee chairs at UIST indicates more seniority than InfoVis.
¿ In HCI community, UIST is considered as the top venue for systems and new technology-oriented research.
¿ To the best of our knowledge, and to the data reported in this application, we did not see any evidence InfoVIs appear stronger than UIST.
** InfoVis is a high-quality venue and the above information is given for comparison purposes only.
Link to comparator report:
http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1499_1017.pdf

Attachments

N/A

Proposers

First name: Anusha
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First name: Florian
Last name: Mueller
Affiliation: Monash University
Email: Florian.Floyd.Mueller@monash.edu

First name: Aaron
Last name: Quigley
Affiliation: UNSW
Email: a.quigley@unsw.edu.au

Submitted By

Name: Withana Anusha
Email: wdanusha@gmail.com