Submission Data for 2020-2021 CORE conference Ranking process
Designing Interactive Systems

Florian Mueller

Conference Details

Conference

Title: Designing Interactive Systems
Acronym : DIS
Rank: B

Requested Rank

Rank: A

Recent Years

Proceedings Publishing Style

Proceedings Publishing: series
Link to most recent proceedings: `https://dl.acm.org/doi/proceedings/10.1145/3357236`
Further details: Like with all ACM SIGCHI conferences, the proceedings are published in the ACM DL (Digital Library). All previous
proceedings are available here: `https://dl.acm.org/conference/dis/proceedings`
The full papers are published in the âĂIJProceedingsâĂİ, the non-full papers (short papers, etc.) are published in the
âĂIJCompanionâĂİ, as it is done in the premier HCI conference, CHI (A*). They are clearly distinguished, for example for 2020, it says:
DIS '20: Proceedings of the 2020 ACM Designing Interactive Systems Conference
and
DIS' 20 Companion: Companion Publication of the 2020 ACM Designing Interactive Systems Conference
This distinction has been implemented since 2014, as visible here: `https://dl.acm.org/conference/dis/proceedings`

Most Recent Years

Most Recent Year

Year: 2019
URL: `https://dis2019.com/`
Location: San Diego, California, USA
Papers submitted: 415
Papers published: 105
Acceptance rate: 25
Source for numbers: `https://dl.acm.org/doi/proceedings/10.1145/3322276`

General Chairs

Name: Steve Harrison Affiliation: Virgina Tech, USA Gender: M H Index: 29 GScholar url: `https://scholar.google.com.au/citations?hl=en&user=r6k-SS4AAAAJ` DBLP url: `https://dblp.org/pid/h/SteveHarrison.html`
Name: Shaowen Bardzell Affiliation: Indiana University, USA Gender: F H Index: 33 GScholar url: `https://scholar.google.com.au/citations?hl=en&user=aD5ev8QAAAAJ` DBLP url: `https://dblp.org/pid/84/792.html`

Program Chairs

Name: Carman Neustaedter Affiliation: Simon Frasor University, Canada Gender: M H Index: 41 GScholar url: https://scholar.google.com.au/citations?hl=en&user=krQJJwIAAAAJ DBLP url: https://dblp.org/pid/n/CarmanNeustaedter.html
Name: Deborah Tatar Affiliation: Virgina Tech, USA Gender: F H Index: 32 GScholar url: https://scholar.google.com.au/citations?hl=en&user=LWcEVAIAAAAJ DBLP url: https://dblp.org/pid/18/1023.html

Second Most Recent Year

Year: 2018
URL: https://dis.acm.org/2018/
Location: Hong Kong
Papers submitted: 405
Papers published: 93
Acceptance rate: 23
Source for numbers: https://dl.acm.org/doi/proceedings/10.1145/3196709

General Chairs

Name: Ilpo Koskinen Affiliation: Aalto University, Finland Gender: M H Index: 30 GScholar url: https://scholar.google.com.au/citations?hl=en&user=eHHGFZIAAAAJ DBLP url: https://dblp.org/pid/78/3852.html
Name: Youn-kyung Lim Affiliation: Korean Advanced Institute of Science and Technology, South Korea Gender: F H Index: 27 GScholar url: https://scholar.google.com.au/citations?hl=en&user=49PRJ1EAAAAJ DBLP url: https://dblp.org/pid/76/6744.html

Program Chairs

Name: Teresa Cerratto Pargman Affiliation: Stockholm University, Sweden Gender: F H Index: 17 GScholar url: https://scholar.google.com.au/citations?hl=en&user=YodZyBEAAAAJ DBLP url: https://dblp.org/pid/c/TeresaInesCerratto.html
Name: Kenny Chow Affiliation: The Hong Kong Polytechnic University Gender: M H Index: 7 GScholar url: https://scholar.google.com.au/citations?hl=en&user=hx7dnDEAAAAJ DBLP url: https://dblp.org/pid/14/7984.html
Name: William Odom Affiliation: Simon Fraser University, Canada Gender: M H Index: 30 GScholar url: https://scholar.google.com.au/citations?hl=en&user=LT9zh4sAAAAJ DBLP url: https://dblp.org/pid/14/2952.html

Third Most Recent Year

Year: 2017
URL: https://sigchi.org/conferences/conference-history/dis/dis-2017-details/
Location: Edinburgh, UK
Papers submitted: 487
Papers published: 107
Acceptance rate: 22
Source for numbers: https://sigchi.org/conferences/conference-history/dis/

General Chairs

Name: Oli Mival
Affiliation: Edinburgh Napier University, UK
Gender: M
H Index: 16
GScholar url: `https://scholar.google.com.au/citations?hl=en&user=HroboWgAAAAJ`
DBLP url: `https://dblp.org/pid/53/2587.html`

Program Chairs

Name: Michael Smyth
Affiliation: Edinburgh Napier University, UK
Gender: M
H Index: 18
GScholar url: `https://scholar.google.com.au/citations?hl=en&user=wp_W5KEAAAAJ`
DBLP url: `https://dblp.org/pid/54/3772.html`

Name: Peter Dalsgaard
Affiliation: Aarhus University, Denmark
Gender: M
H Index: 29
GScholar url: `https://scholar.google.com.au/citations?hl=en&user=zySABSkAAAAJ`
DBLP url: `https://dblp.org/pid/87/4826.html`

Policies

Chair Selection: As with all ACM SIGCHI conferences, the chairs are selected by a steering committee, based on their academic achievements and ranking in the community. Being selected is a prestigious recognition of oneâĂŹs achievements in the field.
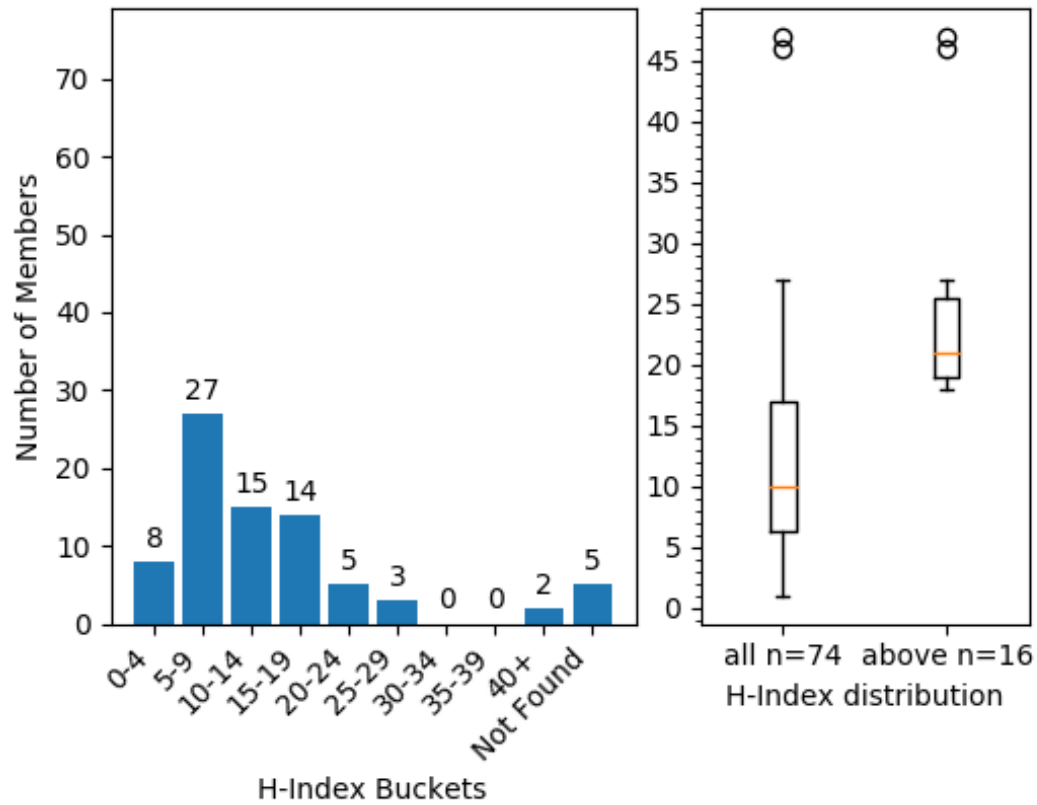Policy name: Diversity & Inclusion
Policy url: `https://www.acm.org/diversity-inclusion`

(Senior) Program Committee

Link to (s)pc: `https://dis.acm.org/2020/organisers.html`
File: `http://portal.core.edu.au/core/media/conf_submissions_spc_file/cleaned_up_floyd5_7cCe3sl.csv`
H-index plot: `http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1530.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: 20+
Image of top 20: `http://portal.core.edu.au/core/media/changes_h5/higherrank1530_gscholar_minh5.jpg`

4

	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

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

h5-index for this conference: 31

ACM Metrics

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

ACM Statistics

Downloads in last 12 months: 150647
Average citations per article: 10
Average downloads per article: 463

ACM Most frequently publishing

Name: William Odom Paper Count: 19 Google Scholar h-index: 30 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=LT9zh4sAAAAJ`
Name: Margot F Brereton Paper Count: 14 Google Scholar h-index: 29 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=drnMU24AAAAJ`
Name: Jodi L Forlizzi Paper Count: 13 Google Scholar h-index: 72 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=Hyhp_zUAAAAJ`
Name: Carman Gerard Neustaedter Paper Count: 12 Google Scholar h-index: 41 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=krQJJwIAAAAJ`
Name: Anna VallgÃĕrda Paper Count: 11 Google Scholar h-index: 14 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=sRVXyvkAAAAJ`
Name: Ron Wakkary Paper Count: 10 Google Scholar h-index: 29 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=8FyQoaMAAAAJ`
Name: Corina Sas Paper Count: 10 Google Scholar h-index: 30 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=7N5gDEoAAAAJ`
Name: Elisa Giaccardi Paper Count: 10 Google Scholar h-index: 27 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=VMMZAMwAAAAJ`
Name: Frank Vetere Paper Count: 9 Google Scholar h-index: 41 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=_30-AxUAAAAJ`
Name: Ben Matthews Paper Count: 9 Google Scholar h-index: 17 Gscholar url: `https://scholar.google.com.au/citations?hl=en&user=phXzTCgAAAAJ`

Aminer Rank

Aminer rank: 6
Aminer name: [DIS] ACM Conference on Designing Interactive Systems
Acronym / shortname: DIS
h-5 index: 30
CCF level: C
THU level: B
Top Aminer Cites: `http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1530_aminer_top_cite.jpg`

Browse by Citation

1

Social Justice-Oriented Interaction Design: Outlining Key Design Strategies and Commitments

Lynn Dombrowski, Ellie Harmon, Sarah Fox

(2016)

Cited by **120**

2

The Rise of Bots: A Survey of Conversational Interfaces, Patterns, and Paradigms

Lorenz Cuno Klopfenstein, Saverio Delpriori, Silvia Malatini, Alessandro Bogliolo

(2017)

Cited by **119**

3

"Hey Alexa, What's Up?": A Mixed-Methods Studies of In-Home Conversational Agent Usage

Alex Sciuto, Arnita Saini Q , Jodi Forlizzi, Jason I. Hong

(2018)

Cited by **116**

4

Uncovering the Honeypot Effect: How Audiences Engage with Public Interactive Systems

Niels Wouters, John Downs, Mitchell Harrop, Travis Cox Q , Eduardo Oliveira, Sarah Webber, Frank Vetere, Andrew Vande Moere

(2016)

Cited by **67**

5

Privacy & Social Media in the Context of the Arab Gulf

Norah Abokhodair, Sarah Vieweg

(2016)

Cited by **64**

6

Tiles: A Card-based Ideation Toolkit for the Internet of Things

Simone Mora, Francesco Gianni Q , Monica Divitini

(2017)

Cited by **60**

7

AmbiGaze: Direct Control of Ambient Devices by Gaze

Eduardo Velloso, Markus Wirth Q , Christian Weichel, Augusto Esteves, Hans Gellersen

(2016)

Cited by **58**

8

Enabling Collaboration in Learning Computer Programing Inclusive of Children with Vision Impairments

Anja Thieme, Cecily Morrison, Nicolas Villar, Martin Grayson Q , Siân E. Lindley

(2017)

Cited by **54**

9

Thing Ethnography: Doing Design Research with Non-Humans

Elisa Giaccardi, Nazli Cila Q , Chris Speed, Melissa Caldwell

(2016)

Cited by **54**

10

Investigating How Experienced UX Designers Effectively Work with Machine Learning

Qian Yang, Alex Sciuto, John Zimmerman, Jodi Forlizzi, Aaron Steinfeld

(2018)

Cited by **53**

11

Morse Things: A Design Inquiry into the Gap Between Things and Us

Ron Wakkary, Doenja Oogjes Q , Sabrina Hauser, Henry W. J. Lin, Cheng Cao, Leo Ma Q , Tijs Duel Q

(2017)

Cited by **51**

12

Skintillates: Designing and Creating Epidermal Interactions

Joanne Lo, Doris Jung Lin Lee Q , Nathan Wong, David Bui Q , Eric Paulos

(2016)

Cited by **49**

Other Rankings

Not aware of any other Rankings
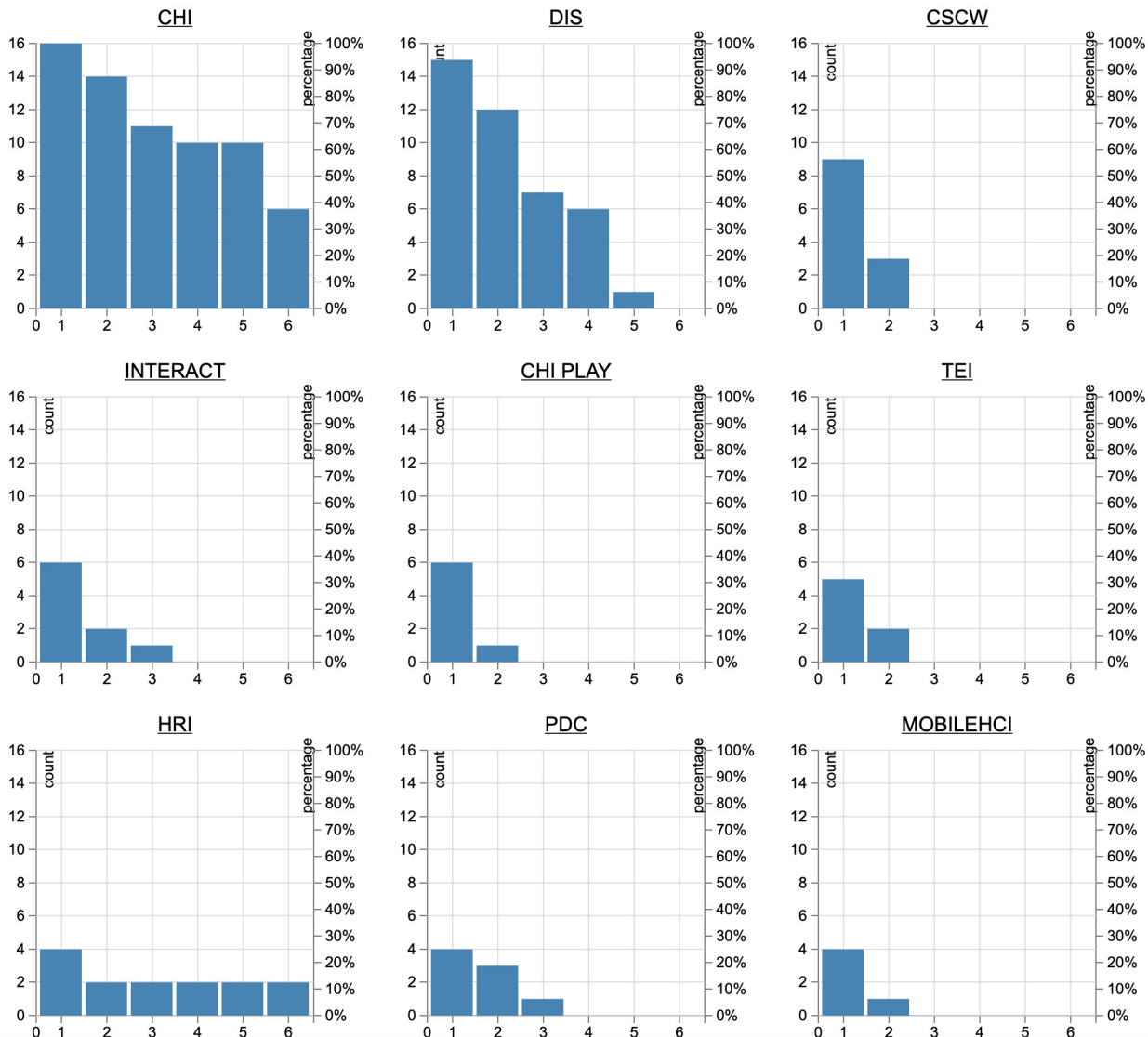Conferences in area: CHI DIS CHI PLAY TEI UIST Ubicomp/IMWUT MobileHCI CSCW Interact NordiCHI OzCHI

Top People Publishing Here

Not Providing Top People Publishing Here

Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1530_top_spc.csv
WPP Report: `http://portal.core.edu.au/core/media/conf_rank_report/higherrank1530_spc_report.txt`
Graphs: `http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1530_spc_graph.jpg`

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: \\ 2. Symposium on Designing Interactive Systems (DIS)

This conference was published at 70 times by 15 of 16 experts in the last 5 years.

The experts that publish at this conference are: Christopher Frauenberger(2), John Vines(6), Steve Benford(8), Andrs A. Lucero(7), Guy Hoffman(1), Marcus Foth(2), Mikael Wiberg(1), Jeffrey Bardzell(3), Luciano Gamberini(2), Anthony Hoi Tin Tang(5), Selma Sabanovic(2), Shaun W. Lawson(3), Corina Sas(10), Margot Brereton(13), David S. Kirk(7)

In 2016, there were 15 publications by 8 experts: Anthony Hoi Tin Tang, Selma Sabanovic, Steve Benford, Andrs A. Lucero, Marcus Foth, Margot Brereton, Jeffrey Bardzell, David S. Kirk
In 2017, there were 13 publications by 6 experts: Anthony Hoi Tin Tang, John Vines, Steve Benford, Shaun W. Lawson, Margot Brereton, David S. Kirk
In 2018, there were 13 publications by 10 experts: John Vines, Margot Brereton, Steve Benford, Luciano Gamberini, Jeffrey Bardzell, Anthony Hoi Tin Tang, Mikael Wiberg, Corina Sas, Andrs A. Lucero, David S. Kirk
In 2019, there were 13 publications by 10 experts: Christopher Frauenberger, David S. Kirk, John Vines, Andrs A. Lucero, Anthony Hoi Tin Tang, Selma Sabanovic, Shaun W. Lawson, Corina Sas, Margot Brereton, Guy Hoffman
In 2020, there were 16 publications by 7 experts: Christopher Frauenberger, Marcus Foth, John Vines, Steve Benford, Margot Brereton, Corina Sas, Andrs A. Lucero

```
15 out of the 16 experts published at this conference in 1 or more years
12 out of the 16 experts published at this conference in 2 or more years
7 out of the 16 experts published at this conference in 3 or more years
6 out of the 16 experts published at this conference in 4 or more years
1 out of the 16 experts published at this conference in 5 or more years
```

Top People Report

Method of selection: Achieving an h-index of 45 in the field of HCI is a very difficult undertaking, and there are only very few who have achieved this. Therefore, in any subfield of HCI, such as the subfield of âĂIJdesigning interactive systemâĂİ, there is probably only a handful, if any, who have achieved such an h-index. Therefore, the instructions that require this do not make sense to apply here. The list below is therefore a list of editors from the ACM TOCHI journal, which is ranked A*. However, many of these editors conduct HCI research, yet they do not conduct âĂIJdesign HCIâĂİ research, therefore would not attend nor publish at DIS. This needs to be considered in the analysis.

	name	h-index	gscholar url
	Kia Hook	47	https://scholar.google.com.au/citations?hl=en&user=LZJ0YvAAAAAJ
	Caroline Appert	20	https://scholar.google.com.au/citations?hl=en&user=6ltKVMwAAAAJ
	Jeffrey Bardzell	31	https://scholar.google.com.au/citations?hl=en&user=JjKNmggAAAAJ
	Shaowen Bardzell	33	https://scholar.google.com.au/citations?hl=en&user=aD5ev8QAAAAJ
	Michel Beaudouin-Lafon	45	https://scholar.google.com.au/citations?hl=en&user=OucrYFkAAAAJ
	Steve Benford	72	https://scholar.google.com.au/citations?hl=en&user=80XCmMgAAAAJ
	Eva Hornecker	34	https://scholar.google.com.au/citations?hl=en&user=D-F9a1AAAAAJ
	Katherine Isbister	31	https://scholar.google.com.au/citations?hl=en&user=0kVAdOIAAAAJ
	Robert Jacob	52	https://scholar.google.com.au/citations?hl=en&user=FWjqglcAAAAJ
Keyword:	Youn-kyung Lim	27	https://scholar.google.com.au/citations?hl=en&user=49PRJ1EAAAAJ
	Carman Neustaedter	41	https://scholar.google.com.au/citations?hl=en&user=krQJJwIAAAAJ
	Marianna Obrist	28	https://scholar.google.com.au/citations?hl=en&user=yN-L6cIAAAAJ
	Yvonne Rogers	80	https://scholar.google.com.au/citations?hl=en&user=qzcYcEAAAAAJ
	Corina Sas	30	https://scholar.google.com.au/citations?hl=en&user=7N5gDEoAAAAJ
	John Zimmerman	50	https://scholar.google.com.au/citations?hl=en&user=A-4JUL4AAAAJ
	Koji Yatani	39	https://scholar.google.com.au/citations?hl=en&user=6xDeZToAAAAJ
	Antti Oulasvirta	58	https://scholar.google.com.au/citations?hl=en&user=_z41TLwAAAAJ
	Jeffrey Nichols	39	https://scholar.google.com.au/citations?hl=en&user=UdTtSJYAAAAJ
	Joanna McGrenere	33	https://scholar.google.com.au/citations?hl=en&user=ZRWlokAAAAAJ
	Regan Mandryk	44	http://scholar.google.com.au/citations?hl=en&user=3-YPyEMAAAAJ

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Reference item: \\ 2. Symposium on Designing Interactive Systems (DIS)
----------------------------------------------------

This conference was published at 70 times by 12 of 19 experts in the last 5 years.

The experts that publish at this conference are: Yvonne Rogers(7), Jeffrey Nichols(3), John Zimmerman(6),
Steve Benford(8), Antti Oulasvirta(1), Eva Hornecker(6), Jeffrey Bardzell(3), Katherine Isbister(8), Joanna
McGrenere(5), Corina Sas(10), Carman Neustaedter(12), Shaowen Bardzell(4)

In 2016, there were 15 publications by 9 experts: Yvonne Rogers, Jeffrey Nichols, John Zimmerman, Joanna
McGrenere, Steve Benford, Antti Oulasvirta, Jeffrey Bardzell, Carman Neustaedter, Shaowen Bardzell
In 2017, there were 12 publications by 5 experts: Yvonne Rogers, Jeffrey Nichols, Steve Benford, Eva Hornecker,
Carman Neustaedter
In 2018, there were 12 publications by 8 experts: Yvonne Rogers, John Zimmerman, Steve Benford, Shaowen Bardzell,
Corina Sas, Katherine Isbister, Carman Neustaedter, Jeffrey Bardzell
In 2019, there were 14 publications by 7 experts: Yvonne Rogers, Shaowen Bardzell, Joanna McGrenere, Corina Sas,
Katherine Isbister, Carman Neustaedter, John Zimmerman
In 2020, there were 17 publications by 8 experts: Yvonne Rogers, John Zimmerman, Joanna McGrenere, Steve Benford,
Corina Sas, Eva Hornecker, Katherine Isbister, Carman Neustaedter

12 out of the 19 experts published at this conference in 1 or more years
11 out of the 19 experts published at this conference in 2 or more years
8 out of the 19 experts published at this conference in 3 or more years
4 out of the 19 experts published at this conference in 4 or more years
2 out of the 19 experts published at this conference in 5 or more years
```
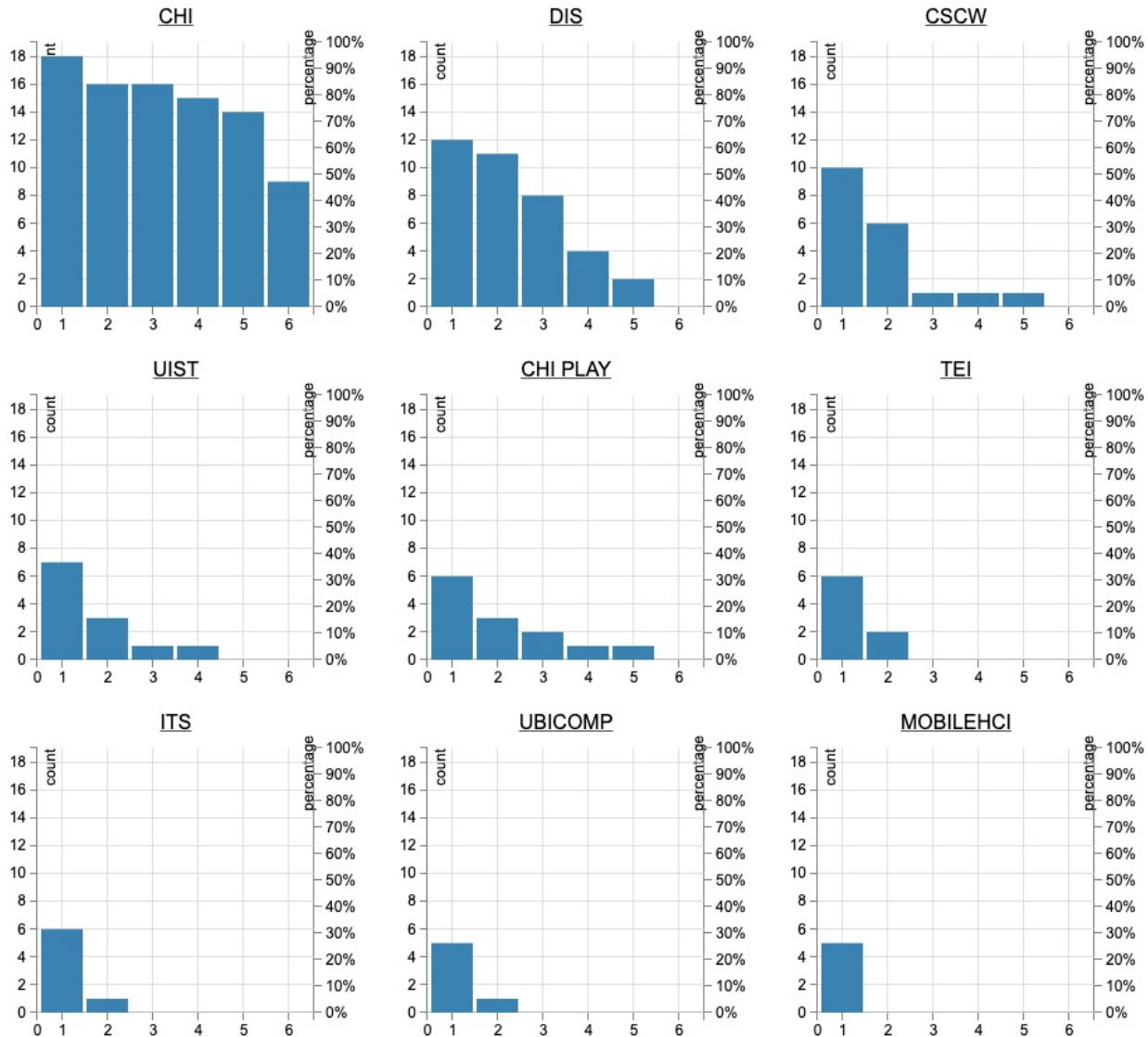
WPP Report: `http://portal.core.edu.au/core/media/conf_rank_report/higherrank1530_top_people_report.txt`
Graphs: `http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1530_top_people_graph.jpg`

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.

Other Information

Comparator Comparison

Comparator

Tangible, Embedded, and Embodied Interaction

Explanation as to why conference is superior to comparator:
TEI is ranked A and has an h5-index of 27, very close to the h5-index of DIS. TEI has a very similar acceptance rate, the attendee numbers are smaller and the submitted papers are smaller in numbers. Furthermore, TEI has less average citations per article and only about 50% of downloads of articles, compared to DIS (according to ACM). One could argue that the key âĂIJDesignâĂİ researchers in HCI go either to TEI or DIS, depending on whether their work is more âĂIJtangibleâĂİ or not. Both conferences have very similar program committees, and many people have been on the organizing committee for both. The high-achieving researchers in HCI doing any âĂIJdesignâĂİ work publish either at CHI, or 6-month apart, at TEI or DIS.
Link to comparator report:
`http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1530_700.pdf`

Comparator

ACM International Conference on Interactive Surfaces and Spaces (was International Workshop on Horizontal Interactive Human-Computer Systems: Tabletop)

Explanation as to why conference is superior to comparator:
ISS has an h5-index of only 16, is attended by less people, has less paper submissions, similar acceptance rate, is less well-known, supported by a smaller program committee and attended by less stellar people in the field. Furthermore, IS has less average citations per article and only about 20% of downloads of articles, compared to DIS (according to ACM). In addition, ISS has less high-achieving researchers attending, submitting and presenting. ISS also represents a smaller community compared to DIS, yet is ranked A.
Link to comparator report:
`http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1530_706.pdf`

Attachments

N/A

Proposers

First name: Florian
Last name: Mueller
Affiliation: Monash University
Email: floyd@floydmueller.com

Submitted By

Name: Mueller Floyd
Email: floyd@floydmueller.com