Submission Data for 2020-2021 CORE conference Ranking process
Information Processing in Sensor Networks

Weitao Xu

Conference Details

Conference

Title: Information Processing in Sensor Networks
Acronym : IPSN
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/10.1145/3302506`
Further details: IPSN proceeding is published by Association for Computing Machinery (ACM), New York, United States.

Most Recent Years

Most Recent Year

Year: 2019
URL: `https://ipsn.acm.org/2019/`
Location: Montreal, Canada
Papers submitted: 91
Papers published: 25
Acceptance rate: 27
Source for numbers: `https://dl.acm.org/doi/proceedings/10.1145/3302506#acceptance-rates`

General Chairs

Name: Rasit Eskicioglu
Affiliation: University of Manitoba, Canada
Gender: M
H Index: 12
GScholar url: `https://scholar.google.com/citations?user=Ll6IC54AAAAJ&hl=en`
DBLP url: `https://dblp.org/pid/71/3191.html`

Program Chairs

Name: Luca Mottola
Affiliation: Politecnico di Milano, Italy
Gender: M
H Index: 37
GScholar url: `https://scholar.google.com/citations?user=VkFc88EAAAAJ&hl=en`
DBLP url: `https://dblp.org/pid/60/5205.html`

Second Most Recent Year

Year: 2018
URL: https://ipsn.acm.org/2018/
Location: Porto, Portugal
Papers submitted: 88
Papers published: 22
Acceptance rate: 25
Source for numbers: https://sites.cs.ucsb.edu/~almeroth/conf/stats/

General Chairs

Name: Luca Mottola
Affiliation: Politecnico di Milano, Italy
Gender: M
H Index: 37
GScholar url: https://scholar.google.com/citations?user=VkFc88EAAAAJ&hl=en
DBLP url: https://dblp.org/pid/60/5205.html

Program Chairs

Name: Jie Gao
Affiliation: Rutgers University, USA
Gender: F
H Index: 41
GScholar url: https://scholar.google.com/citations?hl=en&user=P1CMmgEAAAAJ
DBLP url: https://dblp.org/pid/g/JieGao.html

Name: Pei Zhang
Affiliation: Carnegie Mellon University (CMU), USA
Gender: M
H Index: 27
GScholar url: https://scholar.google.com/citations?user=XElK2e0AAAAJ&hl=en
DBLP url: https://dblp.org/pid/78/5323-1.html

Third Most Recent Year

Year: 2017
URL: http://ipsn.acm.org/2017/
Location: Pittsburgh, USA
Papers submitted: 104
Papers published: 19
Acceptance rate: 18
Source for numbers: https://sites.cs.ucsb.edu/~almeroth/conf/stats/

General Chairs

Name: Pei Zhang
Affiliation: Carnegie Mellon University (CMU), USA
Gender: M
H Index: 27
GScholar url: https://scholar.google.com/citations?user=XElK2e0AAAAJ&hl=en
DBLP url: https://dblp.org/pid/78/5323-1.html

Program Chairs

Name: Prabal Dutta
Affiliation: University of California Berkeley (UC Berkeley), USA
Gender: M
H Index: 50
GScholar url: https://scholar.google.com/citations?user=H790-zwAAAAJ&hl=en
DBLP url: https://dblp.org/pid/40/5390.html

Name: Guoliang Xing
Affiliation: Chinese University of Hong Kong
Gender: M
H Index: 44
GScholar url: https://scholar.google.com/citations?user=kI5JKs8AAAAJ&hl=en&oi=ao
DBLP url: https://dblp.org/pid/63/4542.html

Policies

Chair Selection: Chairs are well-established scholars in this field.
No Policies.

(Senior) Program Committee

Link to (s)pc: `http://ipsn.acm.org/2020/organization.html?v=1`
File: `http://portal.core.edu.au/core/media/conf_submissions_spc_file/IPSNNew.txt`
H-index plot: `http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1045.png`
Information Contained within this graph is derived using the Elsevier Scopus Database 2021.
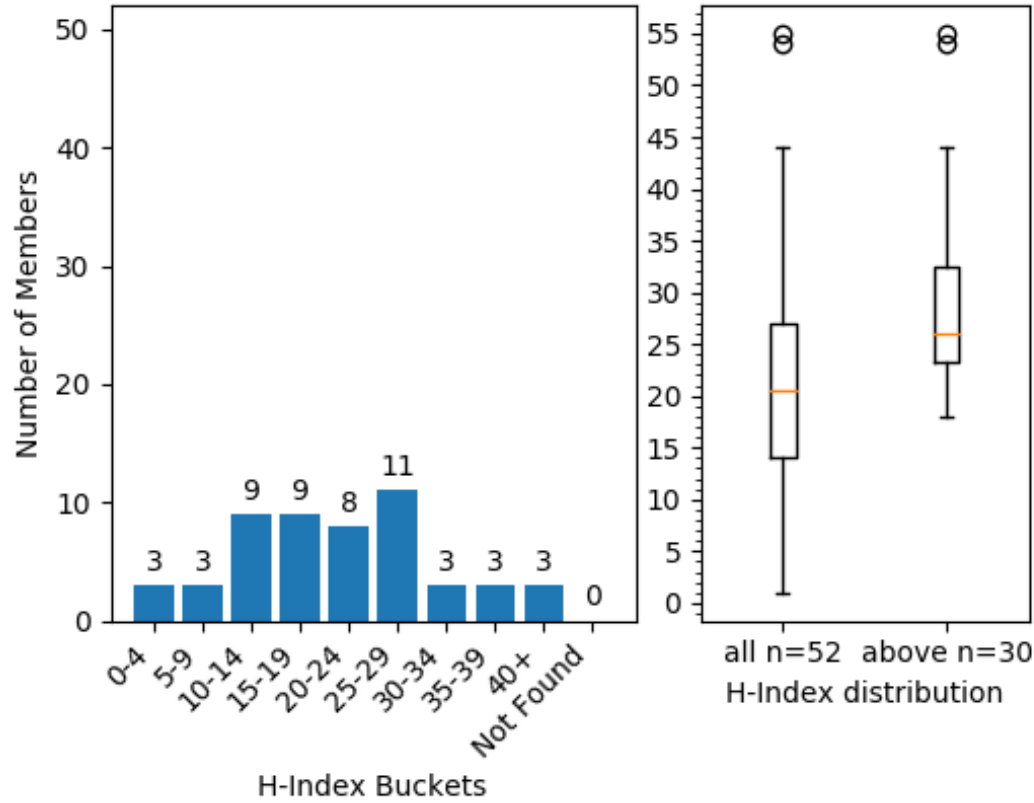
Data and Metrics

Google Scholar Metrics

Sub-category url:
`https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_computernetworkswirelesscommunication`
Position in sub-category: 20+
Image of top 20: `http://portal.core.edu.au/core/media/changes_h5/higherrank1045_gscholar_minh5.png`

h5-index for this conference: 27

ACM Metrics

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

ACM Statistics

Downloads in last 12 months: 20933
Average citations per article: 20
Average downloads per article: 376

ACM Most frequently publishing

Name: Prabal Kumar Dutta Paper Count: 9 Google Scholar h-index: 50 Gscholar url: `https://scholar.google.com/citations?user=H790-zwAAAAJ&hl=en`
Name: Lothar Thiele Paper Count: 7 Google Scholar h-index: 84 Gscholar url: `https://scholar.google.com/citations?user=OaAKHewAAAAJ&hl=sv`
Name: Nicholas Lane Paper Count: 6 Google Scholar h-index: 50 Gscholar url: `https://scholar.google.com/citations?user=IleoLUgAAAAJ&hl=en`
Name: Michele Magno Paper Count: 6 Google Scholar h-index: 35 Gscholar url: `https://scholar.google.com/citations?hl=en&user=ytj7UUcAAAAJ`
Name: Pei Zhang Paper Count: 6 Google Scholar h-index: 27 Gscholar url: `https://scholar.google.com/citations?hl=en&user=XElK2e0AAAAJ`
Name: Anthony Rowe Paper Count: 6 Google Scholar h-index: 0 Gscholar url: `https://users.ece.cmu.edu/~agr/`
Name: Thiemo Voigt Paper Count: 5 Google Scholar h-index: 52 Gscholar url: `https://scholar.google.se/citations?user=xSXvpjEAAAAJ&hl=en`
Name: Gian Pietro Picco Paper Count: 4 Google Scholar h-index: 53 Gscholar url: `https://scholar.google.com/citations?user=DqcmXQ8AAAAJ&hl=en`
Name: Jan Beutel Paper Count: 4 Google Scholar h-index: 35 Gscholar url: `https://scholar.google.com/citations?user=Ph-LRkwAAAAJ&hl=en`
Name: Vincent Lenders Paper Count: 4 Google Scholar h-index: 34 Gscholar url: `https://scholar.google.ch/citations?user=vJcIFDYAAAAJ&hl=en`

Aminer Rank

Aminer rank: 10
Aminer name: International Conference on Information Processing in Sensor Networks
Acronym / shortname: IPSN
h-5 index: 27
CCF level: B
THU level: A
Top Aminer Cites: `http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1045_aminer_top_cite.png`

Other Rankings

Not aware of any other Rankings
Conferences in area:

Top People Publishing Here

name: Prabal Kumar Dutta
justification: Prabal Dutta is an Associate Professor at Electrical Engineering and Computer Sciences, University of California at Berkeley (UC Berkeley), USA.
`https://people.eecs.berkeley.edu/~prabal/`
Paper counts:

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

Attendance: ALWAYS
name: Anthony Rowe
justification: Anthony Rowe is a professor at Electrical and Computer Engineering and CyLab, Carnegie Mellon University (CMU), USA.
`https://users.ece.cmu.edu/~agr/`
Paper counts:

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

Attendance: ALWAYS
name: Nicholas Lane
justification: Nicholas Lane is an Associate Professor in the department of Computer Science and Technology at the University of Cambridge, UK.
`http://niclane.org/`
Paper counts:

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

Attendance: ALWAYS
name: Wen Hu
justification: Wen Hu is an Associate Professor at the School of Computer Science, University of New South Wales Sydney, Australia.
`https://sites.google.com/site/wenhuunsw/home`
Paper counts:

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

Attendance: ALWAYS
name: Lothar Thiele
justification: Lothar Thiele is a Professor at Computer Engineering and Networks Laboratory, ETH Zurich.
`https://people.ee.ethz.ch/~thiele/`
Paper counts:

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

Attendance: ALWAYS
name: Jan Beutel
justification: Jan Beutel is a Professor at Computer Engineering and Networks Laboratory, ETH Zurich.
`http://people.ee.ethz.ch/~jbeutel/Main/HomePage`
Paper counts:

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

Attendance: ALWAYS
name: Thiemo Voigt
justification: Thiemo Voigt is a Professor at Department of Information Technology, Uppsala University, Sweden.
`https://katalog.uu.se/profile/?id=N2-279`
Paper counts:

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

Attendance: ALWAYS
name: Pei Zhang
justification: Pei Zhang is an Associate Research Professor in the INI and ECE departments at Carnegie Mellon University (CMU), USA.
`https://www.cmu.edu/ini/about/team/zhang.html`
Paper counts:

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

Attendance: ALWAYS
name: Fahim Kawsar
justification: Fahim Kawsar leads the Pervasive Systems research at Bell Laboratories Cambridge and holds a Design United Professorship at TU Delft.
`https://www.fahim-kawsar.net/`
Paper counts:

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

Attendance: ALWAYS
name: Luca Mottola
justification: Luca Mottola is an Associate Professor at Politecnico di Milano, Italy.
`https://mottola.faculty.polimi.it/index.html`
Paper counts:

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

Attendance: ALWAYS

Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1045_top_spc.csv
WPP Report: `http://portal.core.edu.au/core/media/conf_rank_report/higherrank1045_spc_report.txt`
Graphs: `http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1045_spc_graph.png`

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.

IPSN / SENSYS / EWSN / MOBICOM / MOBISYS / SECON
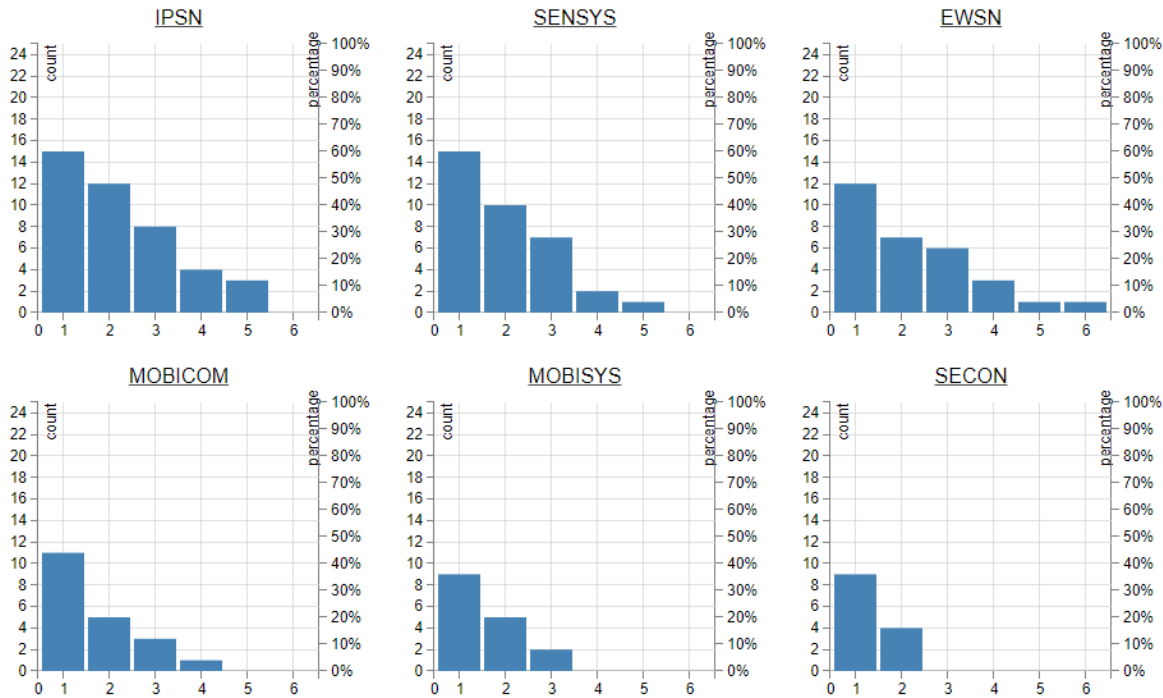
Reference item: \\ 1. International Symposium on Information Processing in Sensor Networks (IPSN)

This conference was published at 66 times by 15 of 25 experts in the last 5 years.

The experts that publish at this conference are: Yuan He 0004(3), Jie Gao 0001(1), Guoliang Xing(3), Koen Langendoen(1), Amy Lynn Murphy(3), Niki Trigoni(3), Wen Hu(13), Omprakash Gnawali(3), Anthony Rowe(9), Andrew Markham(2), Lothar Thiele(11), Thiemo Voigt(7), Jie Liu 0001(1), Neal Patwari(8), Rui Tan(5)

In 2015, there were 13 publications by 10 experts: Neal Patwari, Amy Lynn Murphy, Guoliang Xing, Wen Hu, Lothar Thiele, Thiemo Voigt, Jie Liu 0001, Andrew Markham, Rui Tan, Niki Trigoni
In 2016, there were 9 publications by 6 experts: Wen Hu, Omprakash Gnawali, Lothar Thiele, Neal Patwari, Thiemo Voigt, Niki Trigoni
In 2017, there were 9 publications by 9 experts: Wen Hu, Andrew Markham, Anthony Rowe, Guoliang Xing, Neal Patwari, Jie Gao 0001, Amy Lynn Murphy, Niki Trigoni, Rui Tan
In 2018, there were 10 publications by 6 experts: Yuan He 0004, Amy Lynn Murphy, Anthony Rowe, Neal Patwari, Thiemo Voigt, Omprakash Gnawali
In 2019, there were 12 publications by 6 experts: Yuan He 0004, Wen Hu, Anthony Rowe, Lothar Thiele, Thiemo Voigt, Rui Tan
In 2020, there were 13 publications by 5 experts: Wen Hu, Anthony Rowe, Koen Langendoen, Neal Patwari, Thiemo Voigt

15 out of the 25 experts published at this conference in 1 or more years
12 out of the 25 experts published at this conference in 2 or more years
8 out of the 25 experts published at this conference in 3 or more years
4 out of the 25 experts published at this conference in 4 or more years
3 out of the 25 experts published at this conference in 5 or more years

Top People Report

Method of selection: Editors of ACM Transactions on Sensor Network (TOSN, CORE A* Journal).

name	h-index	gscholar url
David CULLER	126	https://scholar.google.com/citations?hl=en&user=urTiL7QAAAAJ
John Stankovic	118	https://scholar.google.com/citations?hl=en&user=4VJre9IAAAAJ
Tarek Abdelzaher	90	https://scholar.google.com/citations?hl=en&user=cA28Zs0AAAAJ
Sajal K. Das	88	https://scholar.google.com/citations?hl=en&user=mbaG-mQAAAAJ
Lothar Thiele	84	https://scholar.google.com/citations?hl=en&user=OaAKHewAAAAJ
Yunhao Liu	81	https://scholar.google.com/citations?hl=en&user=hon00PIAAAAJ
Tian He	73	https://scholar.google.com/citations?hl=en&user=hc1m_BQAAAAJ
Thomas Hou	68	https://scholar.google.com/citations?hl=en&user=d6CtlCkAAAAJ
Cecilia Mascolo	67	https://scholar.google.com/citations?hl=en&user=Ej4BNaQAAAAJ
Jie Liu	64	https://scholar.google.com/citations?hl=en&user=AJKK2ikAAAAJ
Jiannong Cao	63	https://scholar.google.com/citations?hl=en&user=q2jH-3sAAAAJ
Radha Poovendran	57	https://scholar.google.com/citations?hl=en&user=EEoNZ7NbVzMC
Gian Pietro Picco	53	https://scholar.google.com/citations?hl=en&user=DqcmXQ8AAAAJ
Thiemo Voigt	52	https://scholar.google.com/citations?hl=en&user=xSXvpjEAAAAJ
Kay RÃűmer	48	https://scholar.google.com/citations?hl=en&user=Nup8qqUAAAAJ
Guoliang Xing	44	https://scholar.google.com/citations?hl=en&user=kI5JKs8AAAAJ
Jie Gao	41	https://scholar.google.com/citations?user=P1CMmgEAAAAJ&hl=en&oi=ao
Vijay Raghunathan	38	https://scholar.google.com/citations?hl=en&user=UB-2S9kAAAAJ
Niki Trigoni	39	https://scholar.google.com/citations?hl=en&user=185g9ckAAAAJ
Wen Hu	39	https://scholar.google.com/citations?hl=en&user=LKpTCwkAAAAJ

Keyword:

Reference item: \\ 2. International Symposium on Information Processing in Sensor Networks (IPSN)

This conference was published at 73 times by 16 of 21 experts in the last 5 years.

The experts that publish at this conference are: Yunhao Liu(3), David E. Culler(1), Jie Gao 0001(1), John A. Stankovic(2), Kay Rmer(3), Luca Mottola(3), Guoliang Xing(3), Niki Trigoni(3), Tian He 0001(1), Wen Hu(13), Tarek F. Abdelzaher(2), Pei Zhang 0001(16), Lothar Thiele(11), Thiemo Voigt(7), Jie Liu 0001(1), Gian Pietro Picco(5)

In 2015, there were 15 publications by 10 experts: Wen Hu, Tarek F. Abdelzaher, Pei Zhang 0001, Guoliang Xing, Lothar Thiele, Thiemo Voigt, Jie Liu 0001, Niki Trigoni, Tian He 0001, Gian Pietro Picco
In 2016, there were 10 publications by 7 experts: Wen Hu, Tarek F. Abdelzaher, Pei Zhang 0001, Lothar Thiele, Thiemo Voigt, David E. Culler, Niki Trigoni
In 2017, there were 13 publications by 8 experts: Wen Hu, Pei Zhang 0001, Jie Gao 0001, John A. Stankovic, Guoliang Xing, Luca Mottola, Niki Trigoni, Gian Pietro Picco
In 2018, there were 7 publications by 6 experts: Yunhao Liu, Pei Zhang 0001, Kay Rmer, Luca Mottola, Thiemo Voigt, Gian Pietro Picco
In 2019, there were 17 publications by 7 experts: Yunhao Liu, Wen Hu, Pei Zhang 0001, Kay Rmer, Lothar Thiele, Thiemo Voigt, Gian Pietro Picco
In 2020, there were 11 publications by 5 experts: Yunhao Liu, Wen Hu, Pei Zhang 0001, Luca Mottola, Thiemo Voigt

16 out of the 21 experts published at this conference in 1 or more years
11 out of the 21 experts published at this conference in 2 or more years
8 out of the 21 experts published at this conference in 3 or more years
4 out of the 21 experts published at this conference in 4 or more years
3 out of the 21 experts published at this conference in 5 or more years
1 out of the 21 experts published at this conference in 6 or more years WPP Report:
http://portal.core.edu.au/core/media/conf_rank_report/higherrank1045_top_people_report.txt
Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1045_top_people_graph.png

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.
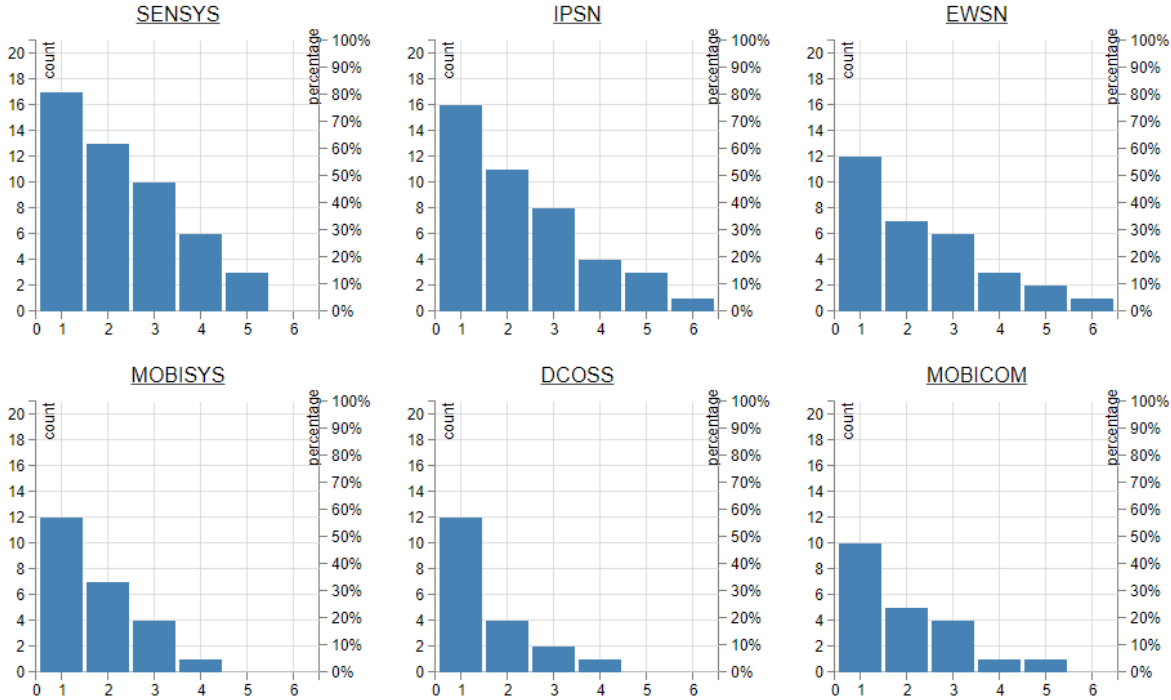
Other Information

Comparator Comparison

Comparator

IEEE International Conference on Pervasive Computing and Communications

Explanation as to why conference is superior to comparator:
H5 index of IPSN is 27 whereas H5 of PERCOM is 26.
IPSN is the 2nd most preferred venue in WPP for top people, whereas PERCOM is 10th.
Link to comparator report:
http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1045_282.pdf

Comparator

IEEE International Symposium on Wearable Computers

Explanation as to why conference is superior to comparator:
H5 index of IPSN is 27 whereas H5 of ISWC is 24.
IPSN is the 2nd most preferred venue in WPP for top people, whereas ISWC is not in the list.
Link to comparator report:
http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1045_283.pdf

Attachments

N/A

Proposers

First name: Weitao
Last name: Xu
Affiliation: City University of Hong Kong
Email: weitaoxu@cityu.edu.hk

Submitted By

Name: Xu Weitao
Email: xuweitao005@gmail.com