

Submission Data for 2020-2021 CORE conference Ranking process IEEE International Conference on Pervasive Computing and Communications

Mohan Kumar, Claudio Bettini, Jadwiga Indulska

Conference Details

Conference

Title: IEEE International Conference on Pervasive Computing and Communications

Acronym: PERCOM

Rank: A*

Requested Rank

Rank: A*

Recent Years

Proceedings Publishing Style

Proceedings Publishing: other

Link to most recent proceedings: https://ieeexplore.ieee.org/xpl/conhome/9125449/proceeding

Further details: Articles selected for the main conference proceedings are published as "The proceedings of the IEEE International

Conference on Pervasive Computing and Communications (PerCom). Here is the link to the 2020 proceedings -

https://staff.itee.uq.edu.au/jaga/proceedings/percom2020/index.html

Also, the proceedings are at - https://ieeexplore.ieee.org/xpl/conhome/9125449/proceeding.

The conference comprises many affiliated events - Workshops, Work-in-progress session, PhD Forum and Demo session. Articles from all these events are published in a separate proceedings, published as "IEEE Annual Conference on Pervasive Computing and Communications Workshops (PerCom)".

Here is a link to the 2020 proceedings - https://staff.itee.uq.edu.au/jaga/proceedings/percomworkshops2020/index.html Also, the proceedings are at - https://ieeexplore.ieee.org/xpl/conhome/9145943/proceeding.

Most Recent Years

Most Recent Year

Year: 2019

URL: http://percom.org/Previous/ST2019/node/52.html

Location: Kyoto, Japan Papers submitted: 151 Papers published: 26 Acceptance rate: 17

Source for numbers: https://edas.info/editConferenceWelcome.php?c=25017

General Chairs

Name: Keiichi Yasumoto

Affiliation: Nara Institute of Science and Technology, JAPAN

Gender: SELECT H Index: 26

GScholar url: https://scholar.google.com/citations?hl=en&user=ksliY64AAAAJ

DBLP url: https://dblp.org/pid/66/2255.html

Name: Behrooz A Shirazi

Affiliation: Washington State University

Gender: M H Index: 31

GScholar url: https://scholar.google.com/citations?user=5cR-WDcAAAAJ&hl=en

DBLP url: https://dblp.org/pid/99/6996.html

Program Chairs

Name: Gregor Schiele

Affiliation: University Duisburg-Essen, Germany

Gender: M H Index: 19

GScholar url: https://scholar.google.de/citations?user=jhSvu1wAAAAJ&hl=en

DBLP url: https://dblp.org/pid/97/4594.html

Name: Lama Nachman Affiliation: Intel Corporation

Gender: F H Index: 31

GScholar url: https://scholar.google.com/citations?hl=en&user=U8npZq4AAAAJ

DBLP url: https://dblp.org/pid/65/3345.html

Name: Hirozumi Yamaguchi Affiliation: Osaka University, Japan

Gender: M H Index: 24

GScholar url: https://www.nsf.gov/pubs/2021/nsf21513/nsf21513.htm

DBLP url: https://dblp.org/pid/26/817.html

Name: Philippe Laland

Affiliation: Grenoble University, France

Gender: M H Index: 24

GScholar url: https://scholar.google.com/citations?hl=en&user=BgWBocgAAAAJ

DBLP url: https://dblp.org/pid/34/4501.html

Second Most Recent Year

Year: 2018

URL: http://percom.org/Previous/ST2018/

Location: Athens, Greece Papers submitted: 157 Papers published: 24 Acceptance rate: 15

Source for numbers: https://edas.info/editConferenceWelcome.php?c=23772

General Chairs

Name: George Roussos

Affiliation: Birkbeck College, University of London

Gender: M H Index: 33

GScholar url: https://scholar.google.com/citations?hl=en&user=hUYJNNoAAAAJ

DBLP url: https://dblp.org/pid/55/4141.html

Program Chairs

Name: Gergely ZÃaruba

Affiliation: Wichita State University

Gender: M H Index: 20

GScholar url: https://scholar.google.com/citations?hl=en&user=gJDwJcAAAAAJ

DBLP url: https://dblp.org/pid/39/3121.html

Name: Flora Salim

Affiliation: RMIT University, Australia

Gender: F H Index: 20

GScholar url: https://scholar.google.com/citations?hl=en&user=Yz35RSYAAAAJ

DBLP url: https://dblp.org/pid/08/1554.html

Name: Gregor Schiele

Affiliation: University Duisburg-Essen, Germany

Gender: M H Index: 19

GScholar url: https://scholar.google.de/citations?user=jhSvu1wAAAAJ&hl=en

DBLP url: https://dblp.org/pid/97/4594.html

Third Most Recent Year

Year: 2017

URL: http://percom.org/Previous/ST2017/

Location: Big Island, Hawaii Papers submitted: 194 Papers published: 28 Acceptance rate: 14

Source for numbers: https://edas.info/web/percom2017/welcome-tpc.html

General Chairs

Name: Cluadio Bettini

Affiliation: University of Milan, Italy

Gender: M H Index: 44

GScholar url: https://scholar.google.com/citations?hl=en&user=6i_i8xMAAAAJ

DBLP url: https://dblp.org/pid/b/CBettini.html

Name: Matt Mutka

Affiliation: Michigan State University, USA

Gender: M H Index: 36

GScholar url: https://scholar.google.com/citations?hl=en&user=wtUJnOcAAAAJ

DBLP url: https://dblp.org/pid/m/MattWMutka.html

Program Chairs

Name: Christine Julien

Affiliation: The University of Texas at Austin

Gender: F H Index: 24

GScholar url: https://scholar.google.com/citations?hl=en&user=p-rQXOQAAAAJ

DBLP url: https://dblp.org/pid/j/ChristineJulien.html

Name: Qi Han

Affiliation: Colorado School of Mines

Gender: F H Index: 24

GScholar url: https://scholar.google.com/citations?hl=en&user=CiPyIk4AAAAJ

DBLP url: https://dblp.org/pid/76/5895.html

Name: Amy Murphy

Affiliation: Bruno Kessler Foundation, Italy

Gender: F H Index: 37

GScholar url: https://scholar.google.com/citations?hl=en&user=Iqcs6pcAAAAJ

DBLP url: https://dblp.org/pid/m/AmyLMurphy.html

Policies

Chair Selection: General Chairs:

The General Chair (GC) is chosen by the Steering Committee (SC), typically two years prior to the conference. In some years there can be two General co-Chairs while in other years there can be a General Chair and a Vice General Chair (VGC). The selection will be based on the candidateâĂŹs past record in pervasive computing, role(s) and contributions to PerCom and/or conference organization track record. GC needs to have a track record in pervasive computing and be known to the PerCom Community (e.g., served successfully as a major chair). The GC and the SC will select a Vice General Chair. If the GC does not have a visible track record in pervasive computing, he/she must have a track record in organizing successful high quality conferences and a co-general chair with appropriate qualifications will be selected by the SC.

Program Chair: The selection of the Program Chair (PC) is made by the SC subcommittee responsible for the program. The GC will be consulted in making this selection. The GC is expected to provide a recommendation during the bidding but has to accept the decision of the SC. The selection of the PC must be completed about 18 months prior to the conference. The PC must be and active researcher in the areas of pervasive computing; should have a track record of high quality publications in pervasive computing and must have served in PerCom Technical Program Committees (TPC), preferably many for many years and at least once as a Vice Program Chair, in the past. Vice Program Chairs:

Vice Program Chairs (VPCs) are selected by the Program Chair in consultation with the SC, the GC and the VGC. Criteria: Active in pervasive computing and has a track record of high quality publications; has served in one or more PerCom (or similar quality/area conference) TPCs. VPCs must be selected before the preceding yearâĂŹs PerCom conference. Due consideration is given to several aspects including: 1. Area of research focus 2. Industry involvement and participation 3. Geographic region 4. Diversity and inclusion 5. Young investigators.

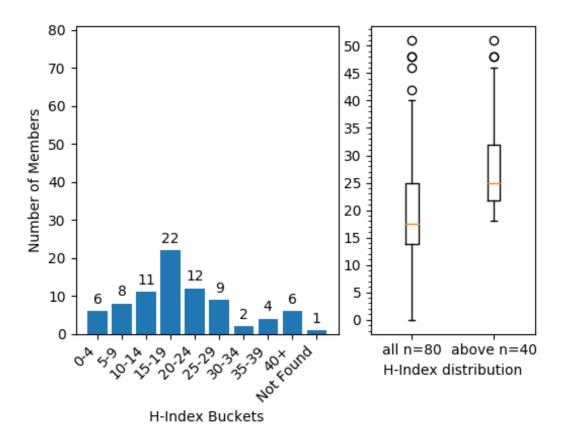
Policy name: PerCom Diversity, Equity, and Inclusion Policy

Policy url: http://percom.org/Previous/ST2020/di-statement.html

(Senior) Program Committee

Link to (s)pc: http://percom.org/Previous/ST2020/tpc.html

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/PERCOM_wZ3RmRQ_x08E6L1.txt H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1479.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_computingsystems Position in sub-category: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank1479_gscholar_minh5.pdf h5-index for this conference: 26

ACM Metrics

Not Sponsored by ACM

Aminer Rank

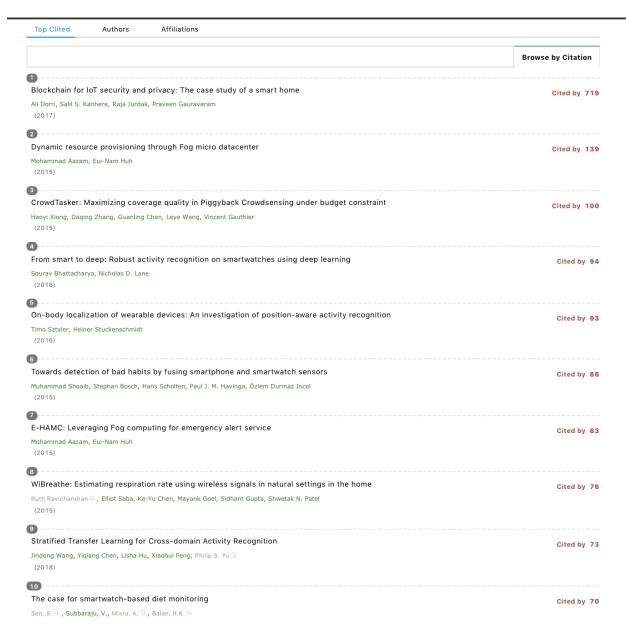
Aminer rank: 4

Aminer name: [PERCOM]IEEE International Conference on Pervasive Computing and Communications

Acronym / shortname: PERCOM

h-5 index: 35 CCF level: B THU level: B

Top Aminer Cites: http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1479_aminer_top_cite.png



Other Rankings

URL: https://www.guide2research.com/topconf/

Description: The Top Conferences Ranking for Computer Science & Electronics was prepared by Guide2Research, one of the leading portals for computer science research providing trusted data on scientific contributions since 2014. The ranking represents h-index, and Impact Score values gathered by November 10th 2020. It was based "on a detailed examination of more than 1000 conference profiles and websites." Impact Score is used to rank conferences based on the number of contributing top scientists in addition to the h-index estimated from the scientific papers published by top scientists in the last three years. Current year's rankings are based on data compiled for 2017, 2018, and 2019.

PerCom is 73 on this list that includes all categories in Guide2Research.

We uploaded the Aminer citations as it is highly recommended. However the Aminer results (h-index, top authors and top citations) are not fair. Some authors are listed as having 5 or 7 papers in one year which is impossible in PerCom. PerCom usually accepts 18-24 full papers so having one paper accepted is exceptionally difficult.

Aminer is not evaluating PerCom correctly. It mixes PerCom Workshops which is a B conference and has separate proceedings with PerCom which is a 'A*' conference with its own proceedings.

Rank: 73

URL: http://valutazione.unibas.it/gii-grin-scie-rating/conferenceRating.jsf

Description: "Conference papers are important to computer scientists. Research evaluation is important to Universities and policy makers. This initiative is sponsored by GII (Group of Italian Professors of Computer Engineering), GRIN (Group of Italian Professors of Computer Science), and SCIE (Spanish Computer-Science Society). The goal of this initiative is to develop a unified rating of computer science conferences. The process is organized in two stages.

Stage 1: a joint committee of GII, GRIN and SCIE members generates the rating by using an automatic algorithm based on well-known, existing international classifications. This automatically-generated rating is updated periodically, usually every two years. Please use the

menu above to navigate the previous editions of the rating. Stage 2: each of the three societies (GII, GRIN and SCIE) may independently submit the automatically-generated rating to the respective communities, in order to revised and correct it."

Rank: A+ (top 82)

Conferences in area: Name of conference, h-5 index, median

IEEE IPSN, 27, 42 IEEE MDM, 20, 28 EAI Mobiquitous, 13, 25 ACM SIGMOBILE Mobisys, 44, 73 IEEE PerCom, 26, 50 ACM Sensys, 33, 60 ACM Ubicomp, 54, 91 IEEE UIC, 19, 29 IEEE WoWMoM, 25, 42

Top People Publishing Here

name: Sajal Das

justification: IEEE Fellow; H-index 88;

Paper counts:

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

Attendance: ALWAYS name: Marco Conti justification: H-index 70;

Paper counts:

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

Attendance: ALWAYS name: Jiannong Cao

justification: IEEE Fellow; H-index 63;

Paper counts:

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

Attendance: ALWAYS

name: Heiner Stuckenschmidt justification: H-index 59;

Paper counts:

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

Attendance: SOMETIMES name: John Stankovic

justification: H-index 118; IEEE and ACM Fellow;

Paper counts:

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

Attendance: OCCASIONALLY name: Moustafa Youssef

justification: ACM Fellow; H-index 59;

Paper counts:

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

Attendance: ALWAYS name: Archan Misra justification: H-index 46;

Paper counts:

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

Attendance: ALWAYS name: Salil Kanhere justification: H-index 47;

Paper counts:

ı	Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
ĺ	0	0	1	1	1
	1 4114/40/0				

Attendance: ALWAYS name: Claudio Bettini justification: H-index 44;

Paper counts:

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

Attendance: ALWAYS name: Cecilia Mascolo justification: H-index 67

Paper counts:

	Most Recent: Second most recent:		Third most recent:	Fourth most recent:	Fifth most recent:
١	0 0		0	1	0

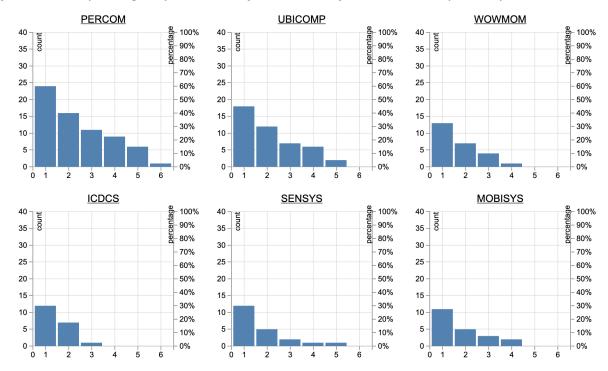
Attendance: SOMETIMES

Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1479_top_spc.csv WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1479_spc_report.txt Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1479_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.



Reference item: \\ 1. Annual IEEE International Conference on Pervasive Computing and Communications (PerCom)

This conference was published at 119 times by 24 of 40 experts in the last 5 years.

The experts that publish at this conference are: Jadwiga Indulska(2), Archan Misra(14), Paul Lukowicz(8), Petteri Nurmi(7), Michael Beigl(1), Daniele Riboni(5), Keiichi Yasumoto(19), George Roussos(2), Andrea Passarella(2), Franco Zambonelli(2), Nicholas D. Lane(1), Sergio Mascetti(2), Vana Kalogeraki(4), Jrg Ott(1), Claudio Bettini(10), Salil S. Kanhere(9), Silvia Giordano(2), Moustafa Amin Youssef(8), Diane J. Cook(3), Paul J. M. Havinga(11), Julie A. McCann(1), Mahbub Hassan(6), Matt W. Mutka(1), Jiannong Cao 0001(7)

In 2015, there were 20 publications by 14 experts: Jadwiga Indulska, Archan Misra, Paul J. M. Havinga, Vana Kalogeraki, Paul Lukowicz, Petteri Nurmi, Julie A. McCann, Claudio Bettini, Silvia Giordano, Daniele Riboni, Mahbub Hassan, Keiichi Yasumoto, Moustafa Amin Youssef, Jiannong Cao 0001

In 2016, there were 27 publications by 14 experts: Jadwiga Indulska, Archan Misra, Paul J. M. Havinga, Matt W. Mutka, Franco Zambonelli, Paul Lukowicz, Nicholas D. Lane, Claudio Bettini, Salil S. Kanhere, Daniele Riboni, Mahbub Hassan, Keiichi Yasumoto, Moustafa Amin Youssef, Jiannong Cao 0001

In 2017, there were 24 publications by 11 experts: Archan Misra, Diane J. Cook, Paul J. M. Havinga, Paul Lukowicz, Petteri Nurmi, Claudio Bettini, Salil S. Kanhere, Jiannong Cao 0001, Mahbub Hassan, Keiichi Yasumoto, George Roussos

In 2018, there were 20 publications by 13 experts: Archan Misra, Paul J. M. Havinga, Vana Kalogeraki, Andrea Passarella, Petteri Nurmi, Jrg Ott, Michael Beigl, Claudio Bettini, Salil S. Kanhere, Daniele Riboni, Mahbub Hassan, Keiichi Yasumoto, Moustafa Amin Youssef

In 2019, there were 23 publications by 11 experts: Sergio Mascetti, Archan Misra, Andrea Passarella, Franco Zambonelli, Paul Lukowicz, Petteri Nurmi, Claudio Bettini, Jiannong Cao 0001, Keiichi Yasumoto, Moustafa Amin Youssef, George Roussos

In 2020, there were 5 publications by 4 experts: Petteri Nurmi, Archan Misra, Paul J. M. Havinga, Moustafa Amin Youssef

24 out of the 40 experts published at this conference in 1 or more years 16 out of the 40 experts published at this conference in 2 or more years 11 out of the 40 experts published at this conference in 3 or more years 9 out of the 40 experts published at this conference in 4 or more years 6 out of the 40 experts published at this conference in 5 or more years 1 out of the 40 experts published at this conference in 6 or more years

Top People Report

Method of selection: Top scientists from 'Guide2Research' with publications in the general areas of research related to pervasive computing. We also considered scientists with high h-index in Google Scholar self-tagged as "Pervasive Computing".

·	name	h-index	gscholar url
	Roy H Campbell	73	https://scholar.google.com/citations?hl=en&user=2ftJYXMAAAAJ
	Jiannong Cao	63	https://scholar.google.com/citations?hl=en&user=q2jH-3sAAAAJ
	Marco Conti	70	https://scholar.google.com/citations?hl=en&user=KniFTDOAAAAJ
	Diane J Cook	76	https://scholar.google.com/citations?hl=en&user=VpfWvTUAAAA
	Sajal K Das	88	https://scholar.google.com/citations?hl=en&user=mbaG-mQAAAAJ
	Anind K Dey	75	https://scholar.google.com/citations?hl=en&user=ydA8Q5AAAAAJ
	Salil Kanhere	48	https://scholar.google.it/citations?hl=en&user=sgqmaPMAAAAJ
	John Krumm	70	https://scholar.google.it/citations?hl=en&user=qWGk7FUAAAAJ
	Paul Lukowicz	59	https://scholar.google.com/citations?hl=en&user=1FIyc9kAAAAJ
Keyword:	Cecilia Mascolo	67	https://scholar.google.com/citations?hl=en&user=Ej4BNaQAAAAJ
	Klara Nahrstedt	85	https://scholar.google.com/citations?hl=en&user=TWOt25AAAAAJ
	Lionel Ni	80	https://scholar.google.com/citations?hl=en&user=OzMYwDIAAAAJ
	Kurt Rothermel	58	https://scholar.google.it/citations?hl=en&user=LWI2KAMAAAAJ
	John Stankovic	118	https://scholar.google.com/citations?hl=en&user=4VJre9IAAAAJ
	Alex Sandy Pentland	140	https://scholar.google.com/citations?hl=en&user=P4nfoKYAAAAJ
	Mani B. Srivastava	106	https://scholar.google.com/citations?hl=en&user=X2Qs7XYAAAAJ
	Heiner Stuckenschmidt	59	https://scholar.google.it/citations?hl=en&user=oqpT1YUAAAAJ
	Albrecht Schmidt 0001	68	https://scholar.google.com/citations?hl=en&user=qM5jR7YAAAAJ
	Franco Zambonelli	62	https://scholar.google.it/citations?user=zxulxcoAAAAJ&hl=en&oi=ao
	Daqing Zhang 0001	67	https://scholar.google.it/citations?hl=en&user=qn8CqEYAAAAJ

 $\hbox{Reference item: $\backslash \ 1. Annual IEEE International Conference on Pervasive Computing and Communications (PerCom) } \\$

This conference was published at 60 times by 16 of 20 experts in the last 5 years.

The experts that publish at this conference are: Cecilia Mascolo(3), Franco Zambonelli(2), Diane J. Cook(3), John A. Stankovic(1), Salil Kanhere(9), Daqing Zhang 0001(1), Anind K. Dey(2), Paul Lukowicz(8), Kurt Rothermel(2), John Krumm(2), Marco Conti(2), Lionel M. Ni(1), Heiner Stuckenschmidt(10), Mani B. Srivastava(1), Sajal K. Das 0001(7), Jiannong Cao 0001(7)

In 2015, there were 8 publications by 7 experts: Cecilia Mascolo, John Krumm, Daqing Zhang 0001, Anind K. Dey, Paul Lukowicz, Sajal K. Das 0001, Jiannong Cao 0001

In 2016, there were 12 publications by 7 experts: Cecilia Mascolo, Paul Lukowicz, Salil Kanhere, Heiner Stuckenschmidt, Franco Zambonelli, Sajal K. Das 0001, Jiannong Cao 0001

In 2017, there were 22 publications by 12 experts: Cecilia Mascolo, Diane J. Cook, John A. Stankovic, Salil Kanhere, Paul Lukowicz, Kurt Rothermel, John Krumm, Heiner Stuckenschmidt, Lionel M. Ni, Jiannong Cao 0001, Sajal K. Das 0001, Mani B. Srivastava

In 2018, there were 8 publications by 3 experts: Marco Conti, Heiner Stuckenschmidt, Salil Kanhere

In 2019, there were 9 publications by 6 experts: Paul Lukowicz, Marco Conti, Heiner Stuckenschmidt, Franco Zambonelli, Sajal K. Das 0001, Jiannong Cao 0001

In 2020, there were 1 publications by 1 experts: Anind K. Dey

16 out of the 20 experts published at this conference in 1 or more years

10 out of the 20 experts published at this conference in 2 or more years

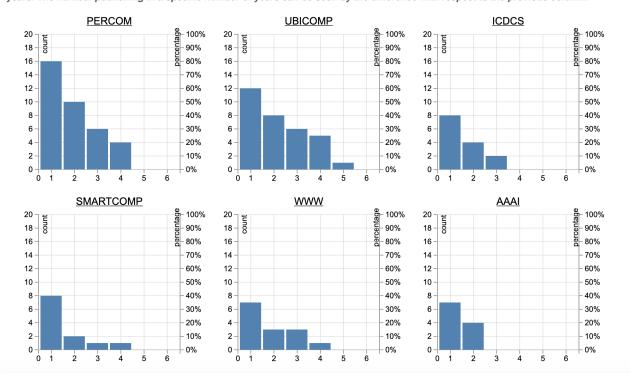
6 out of the 20 experts published at this conference in 3 or more years

4 out of the 20 experts published at this conference in 4 or more years

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1479_top_people_report.txt Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1479_top_people_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.



Other Information

Comparator Comparison

Comparator

IEEE International Symposium on Wearable Computers

Explanation as to why conference is superior to comparator:

ISWC has an inferior H5 Index and an inferior median compared to IEEE PerCom. IEEE PerCom is the first conference where the top 20 researchers in our area publish according to CORE WPP.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1479_738.pdf

Comparator

Information Processing in Sensor Networks

Explanation as to why conference is superior to comparator:

IPSN and IEEE PerCom have similar H5 indices. IPSN has one point higher H5 Index and 8 points lower H5 median than those of IEEE PerCom.

IEEE PerCom is the first conference where the top 20 researchers in our area publish according to CORE WPP, while IPSN is number 12. Moreover acceptance rates for IPSN have been consistently higher than those for PerCom for the last 4 years.

Note: The screen shot required as part of IPSN data does not show a graph for IEEE PerCom because it is not in the report produced by WPP.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1479_764.pdf

Other Relvant Info

Other relevant information: Please see attached PDF.

Attachments

http://portal.core.edu.au/core/media/request_attachment/PerCom_-_additional_informationV2.docx.pdf

Proposers

First name: Mohan Last name: Kumar

Affiliation: Rochester Institute of Technology

Email: mjkvcs@rit.edu

First name: Claudio Last name: Bettini

Affiliation: University of Milan Email: claudio.bettini@unimi.it

First name: Jadwiga Last name: Indulska

Affiliation: The University of Queensland

Email: jaga@itee.uq.edu.au

Submitted By

Name: Kumar Mohan Email: mjkvcs@rit.edu