



Submission Data for 2020-2021 CORE conference Ranking process
IEEE International Conference on Software Analysis, Evolution and Reengineering

Xin Xia, Foutse Khomh

Conference Details

Conference

Title: IEEE International Conference on Software Analysis, Evolution and Reengineering
Acronym : SANER

Requested Rank

Rank: A

Primarily CS

Is this conference primarily a CS venue: True

Location

Not commonly held within a single country, set of countries, or region.

DBLP Link

DBLP url: <https://dblp.org/db/conf/wcre/index.html>

FoR Codes

For1: 4612
For2: SELECT
For3: SELECT

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://ieeexplore.ieee.org/xpl/conhome/9040394/proceeding>

Further details: It was published by IEEE. The proceeding contains research papers, NIER papers, Tool Demo papers, and industry papers.

Most Recent Years

Most Recent Year

Year: 2019

URL: <https://saner2019.github.io/>

Location: Hangzhou, China

Papers submitted: 151

Papers published: 45

Acceptance rate: 30

Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8668011>

General Chairs

Name: Xinyu Wang
Affiliation: Zhejiang University
Gender: M
H Index: 26
GScholar url: <https://scholar.google.com/citations?hl=zh-CN&user=17mU6usAAAAJ>
DBLP url: <https://dblp.org/pid/68/1277-1.html>

Program Chairs

Name: David Lo
Affiliation: Singapore Management University
Gender: M
H Index: 65
GScholar url: <https://scholar.google.com.au/citations?user=Ra4bt-oAAAAJ&hl=en>
DBLP url: <https://dblp.uni-trier.de/pid/89/6793-1.html>

Name: Emad Shihab
Affiliation: Concordia University
Gender: M
H Index: 35
GScholar url: <https://scholar.google.com.au/citations?user=kF76KPAAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/05/5996.html>

Second Most Recent Year

Year: 2018
URL: <http://saner.unimol.it/>
Location: Campobasso, Italy
Papers submitted: 151
Papers published: 39
Acceptance rate: 26
Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8330186>

General Chairs

Name: Rocco Oliveto
Affiliation: University of Molise
Gender: M
H Index: 59
GScholar url: <https://scholar.google.com/citations?user=8sCivdQAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/18/6986.html>

Program Chairs

Name: Massimiliano Di Penta
Affiliation: University of Sannio
Gender: M
H Index: 73
GScholar url: <https://scholar.google.com/citations?user=j6ucyOAAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/d/MassimilianoDiPenta.html>

Name: David C. Shepherd
Affiliation: Virginia Commonwealth University
Gender: M
H Index: 21
GScholar url: <https://scholar.google.com/citations?user=bQTU4-AAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/153/5343.html>

Third Most Recent Year

Year: 2017
URL: <https://saner.aau.at/>
Location: Klagenfurt, Austria.
Papers submitted: 140
Papers published: 34
Acceptance rate: 24
Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7884600>

General Chairs

Name: Martin Pinzger
Affiliation: Alpen-Adria-Universität Klagenfurt
Gender: M
H Index: 37
GScholar url: <https://scholar.google.com/citations?user=MTZ0160AAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/98/5177.html>

Program Chairs

Name: Gabriele Bavota
Affiliation: Università della Svizzera italiana (USI)
Gender: M
H Index: 48
GScholar url: <https://scholar.google.com/citations?user=inc2FLEAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/09/8523.html>

Name: Andrian Marcus
Affiliation: University of Texas at Dallas
Gender: M
H Index: 52
GScholar url: <https://scholar.google.com/citations?user=ZZiaPdYAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/m/AndrianMarcus.html>

Policies

Chair Selection: Election of Chair. Every year after the conference, the Steering Committee will elect the Steering Committee Chair from among the elected SC members.

General Chair. The General Chair is responsible for the conference budget, local arrangements, conference operations, and setting the general direction and parameters of the current meeting, including the appointment of conference positions other than Financial Chair and Program co-Chairs, and resolution of any disputes on technical papers. The General Chair is also responsible for compliance with conference rules of SANER's sponsors.

b) Program Chairs. SANER generally has two Program co-Chairs. The Program Chairs are responsible for: i) the receipt, tracking, and refereeing of technical papers, ii) the structuring of the conference program along with the General Chair, iii) the editing of the SANER Proceedings, iv) the conduct of the conference sessions, and v) the assembly of post-conference results and summaries.

Policy name: SANER Charter

Policy url: http://saner.polytml.ca/lib/exe/fetch.php?media=150305_-_saner_charter.pdf

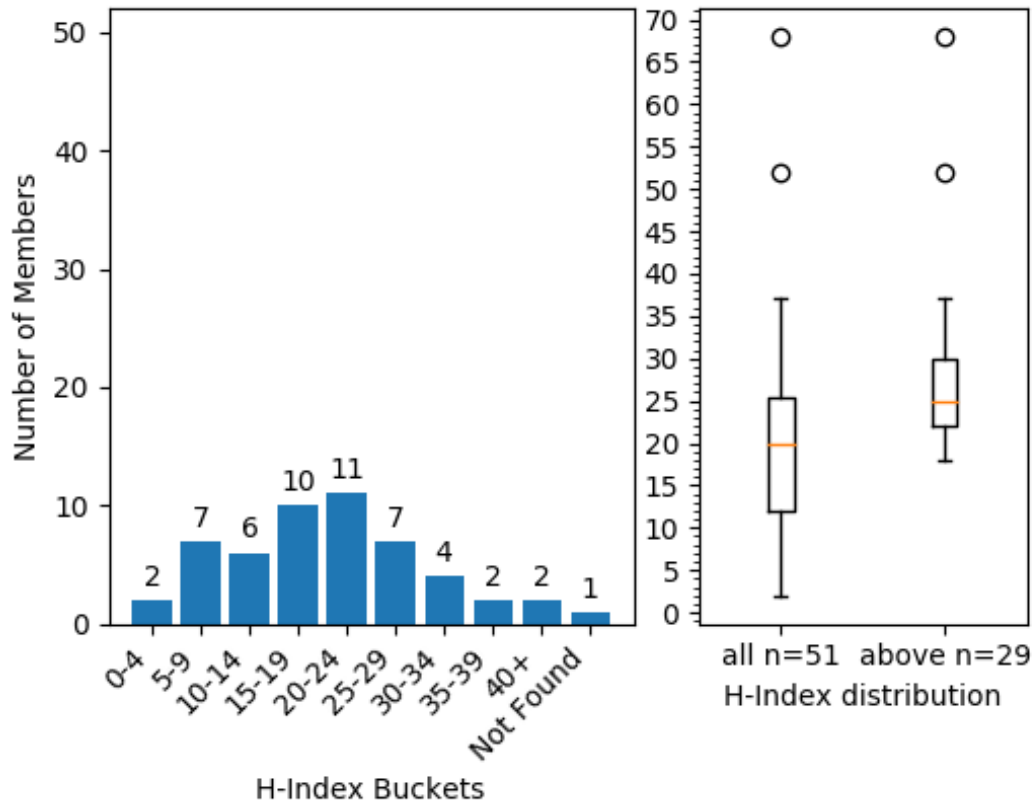
(Senior) Program Committee

Link to (s)pc: <https://saner2019.github.io/team/program-committee.html>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/pc_h4CF1P8.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1119.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_softwaresystems

Position in sub-category: 14

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/addrank1119_gscholar_minh5.png

	Publication	<u>h5-index</u>	<u>h5-median</u>
1.	ACM/IEEE International Conference on Software Engineering	<u>74</u>	111
2.	Journal of Systems and Software	<u>61</u>	90
3.	Information and Software Technology	<u>59</u>	90
4.	ACM SIGSOFT International Symposium on Foundations of Software Engineering	<u>53</u>	78
5.	Empirical Software Engineering	<u>53</u>	75
6.	IEEE Transactions on Software Engineering	<u>52</u>	77
7.	ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL)	<u>48</u>	76
8.	ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI)	<u>46</u>	78
9.	IEEE/ACM International Conference on Automated Software Engineering (ASE)	<u>45</u>	75
10.	IEEE Software	<u>44</u>	90
11.	Symposium on Operating Systems Principles	<u>42</u>	77
12.	Software & Systems Modeling	<u>41</u>	55
13.	Mining Software Repositories	<u>40</u>	52
14.	International Conference on Software Analysis, Evolution, and Reengineering (SANER)	<u>40</u>	48
15.	International Symposium on Software Testing and Analysis	<u>36</u>	61
16.	International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS)	<u>33</u>	54
17.	IEEE International Conference on Software Maintenance and Evolution	<u>33</u>	46
18.	Proceedings of the ACM on Programming Languages	<u>31</u>	46
19.	Software: Practice and Experience	<u>30</u>	36
20.	ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages, and Applications (OOPSLA)	<u>29</u>	44

h5-index for this conference: 40

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Not Listed in Aminer

Other Rankings

Not aware of any other Rankings

Conferences in area:

Top People Publishing Here

name: David Lo

justification: David is an ACM Distinguished Member. His H-index is 65. He was PC co-chair of SANER 2019.

<https://scholar.google.com/citations?user=Ra4bt-oAAAAJ&hl=en>

Paper counts:

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

Attendance: OFTEN

name: Massimiliano Di Penta

justification: His H-index is 73. He is PC Co-chair of SANER 2018.

<https://scholar.google.com/citations?user=j6ucy0AAAAAJ&hl=en>

Paper counts:

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

Attendance: ALWAYS

name: Ahmed E. Hassan

justification: He is an IEEE Fellow, NSERC Steacie Fellow, ACM SIGSOFT Influential Educator. His H-index is 77.

<https://scholar.google.com/citations?user=9hwXx34AAAAJ&hl=en>

Paper counts:

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

Attendance: OFTEN

name: Giuliano Antoniol

justification: His is a Canada Research Chair (I) in software engineering, and his H-index is 62.

<https://scholar.google.com/citations?user=136elhQAAAAJ&hl=en>

Paper counts:

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

Attendance: OFTEN

name: Alexander Serebrenik

justification: His H-index is 45. <https://scholar.google.com/citations?user=Mcn2e18AAAAJ&hl=en>

Paper counts:

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

Attendance: ALWAYS

name: Zhenchang Xing

justification: He is an associate prof@ANU. His H-index is 31. <https://scholar.google.com/citations?user=0vCxuH4AAAAJ&hl=en>

Paper counts:

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

Attendance: SOMETIMES

name: Foutse Khomh

justification: His H-index is 33. He is the steering committee chair of SANER.

<https://scholar.google.com/citations?user=YYXb3KIAAAAAJ&hl=en>

Paper counts:

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

Attendance: ALWAYS

name: Harald C. Gall

justification: His H-index is 57. https://scholar.google.com/citations?user=kXX_FYoAAAAJ&hl=en

Paper counts:

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

Attendance: OFTEN

name: Arie van Deursen

justification: His H-index is 60. PC co-chair of ICSE 2021 and ESEC/FSE 2017.

<https://scholar.google.com/citations?user=jjCkWXgAAAAJ&hl=en>

Paper counts:

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

Attendance: SOMETIMES

name: Martin Pinzger

justification: His H-index is 37. <https://scholar.google.com/citations?user=MTZ0160AAAAJ&hl=en>

Paper counts:

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

Attendance: OFTEN

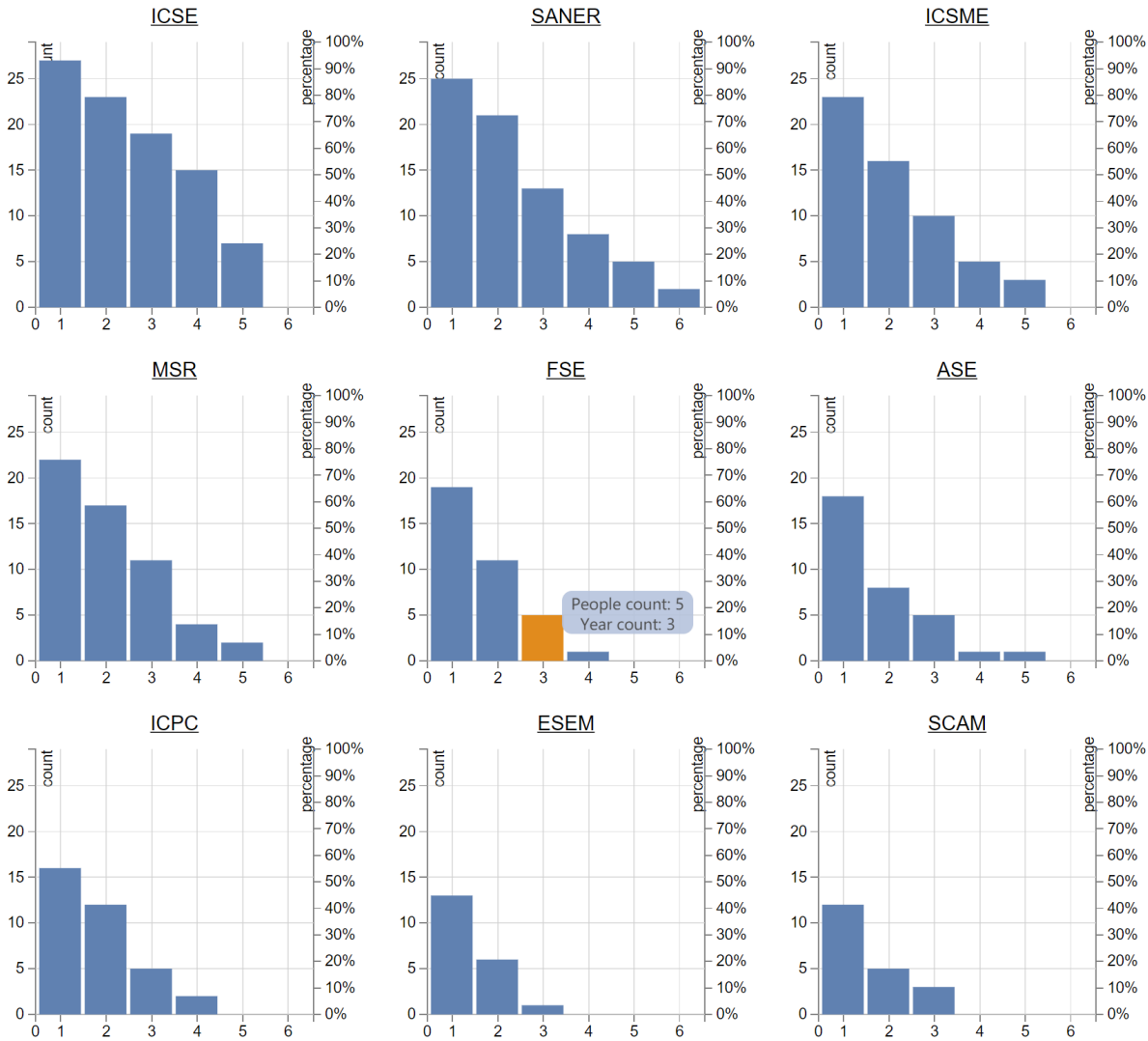
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf.submissions_top_spc/addrank1119_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/addrank1119_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1119_spc_graph.png



Reference item: \\ 2. IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER)

 This conference was published at 127 times by 25 of 29 experts in the last 5 years.

The experts that publish at this conference are: Tibor Gyimthy(5), Foutse Khomh(12), Alexander Serebrenik(10), Giuseppe Scanniello(1), Ying Zou 0001(3), Xin Xia 0001(4), Rainer Koschke(3), Meiyappan Nagappan(2), Fabio Palomba(8), Weiyi Shang(3), Chanchal Kumar Roy(14), Yasutaka Kamei(2), Oscar Nierstrasz(9), Philipp Leitner 0001(1), Martin Pinzger 0001(4), Marco Tulio Valente(12), Serge Demeyer(4), Bram Adams(5), Sebastiano Panichella(8), Shane McIntosh(8), Li Li 0029(6), Gregorio Robles(3), Katsuro Inoue(9), Annibale Panichella(3), Massimiliano Di Penta(6)

In 2015, there were 12 publications by 11 experts: Meiyappan Nagappan, Foutse Khomh, Sebastiano Panichella, Katsuro Inoue, Marco Tulio Valente, Massimiliano Di Penta, Shane McIntosh, Ying Zou 0001, Xin Xia 0001, Chanchal Kumar Roy, Philipp Leitner 0001

In 2016, there were 38 publications by 17 experts: Meiyappan Nagappan, Tibor Gyimthy, Martin Pinzger 0001, Li Li 0029, Katsuro Inoue, Foutse Khomh, Alexander Serebrenik, Chanchal Kumar Roy, Marco Tulio Valente, Bram Adams, Massimiliano Di Penta, Weiyi Shang, Yasutaka Kamei, Oscar Nierstrasz, Annibale Panichella, Shane McIntosh, Rainer Koschke

In 2017, there were 19 publications by 12 experts: Foutse Khomh, Fabio Palomba, Sebastiano Panichella, Serge Demeyer, Katsuro Inoue, Marco Tulio Valente, Alexander Serebrenik, Annibale Panichella, Bram Adams, Oscar Nierstrasz, Xin Xia 0001, Chanchal Kumar Roy

In 2018, there were 23 publications by 13 experts: Foutse Khomh, Fabio Palomba, Sebastiano Panichella, Katsuro Inoue, Weiyi Shang, Alexander Serebrenik, Serge Demeyer, Marco Tulio Valente, Martin Pinzger 0001, Giuseppe Scanniello, Shane McIntosh, Ying Zou 0001, Chanchal Kumar Roy

In 2019, there were 18 publications by 10 experts: Foutse Khomh, Li Li 0029, Gregorio Robles, Marco Tulio Valente, Alexander Serebrenik, Chanchal Kumar Roy, Rainer Koschke, Shane McIntosh, Xin Xia 0001, Massimiliano Di Penta

In 2020, there were 17 publications by 11 experts: Tibor Gyimthy, Martin Pinzger 0001, Katsuro Inoue, Marco Tulio Valente, Alexander Serebrenik, Chanchal Kumar Roy, Serge Demeyer, Rainer Koschke, Oscar Nierstrasz, Xin Xia 0001, Massimiliano Di Penta

25 out of the 29 experts published at this conference in 1 or more years
 21 out of the 29 experts published at this conference in 2 or more years
 13 out of the 29 experts published at this conference in 3 or more years
 8 out of the 29 experts published at this conference in 4 or more years
 5 out of the 29 experts published at this conference in 5 or more years
 2 out of the 29 experts published at this conference in 6 or more years

Top People Report

Method of selection: From the journal re-ranking round - we com piled this list for SE journals, and it was used for ASE conf submission

	name	h-index	gscholar url
	John Mylopoulos	89	https://scholar.google.co.nz/citations?hl=en&user=mQ6mh20AAAAJ
	Lionel C. Briand	78	https://scholar.google.co.nz/citations?hl=en&user=Zj897NoAAAAJ
	Mark Harman	81	https://scholar.google.co.nz/citations?hl=en&user=IwSN8IgAAAAJ
	Rick Kazman	52	https://scholar.google.co.nz/citations?hl=en&user=fWHdqsUAAAAJ
	James D. Herbsleb	60	https://scholar.google.co.nz/citations?hl=en&user=Q3xxVngAAAAJ
	Gregg Rothermel	71	https://scholar.google.co.nz/citations?hl=en&user=7XjL07wAAAAJ
	A. Jefferson Offutt	64	https://scholar.google.co.nz/citations?hl=en&user=fAeRp3kAAAAJ
	Jan Bosch	58	https://scholar.google.co.nz/citations?hl=en&user=W6oSWIAAAAAJ
	Nenad Medvidovic	56	https://scholar.google.co.nz/citations?hl=en&user=kqW_-2gAAAAJ
	Andreas Zeller	57	https://scholar.google.co.nz/citations?hl=en&user=-Qytr_YAAAAJ
	Gail C. Murphy	59	https://scholar.google.co.nz/citations?hl=en&user=EGA1deoAAAAJ
	Thomas Zimmermann	60	https://scholar.google.co.nz/citations?hl=en&user=5zvbpoAAAAJ
	Laurie A. Williams	61	https://scholar.google.co.nz/citations?hl=en&user=Cln2viUAAAAJ
	Massimiliano Di Penta	65	https://scholar.google.co.nz/citations?hl=en&user=j6ucyOAAAAJ
	Bashar Nuseibeh	56	https://scholar.google.co.nz/citations?hl=en&user=aUQ809gAAAAJ
	Arie van Deursen	57	https://scholar.google.co.nz/citations?hl=en&user=jjCkWXgAAAAJ
	Manfred Broy	55	https://scholar.google.co.nz/citations?hl=en&user=XafQeY4AAAAJ
Keyword:	Audris Mockus	47	https://scholar.google.co.nz/citations?hl=en&user=ZGvnVQUAAAAJ
	Tim Menzies	54	https://scholar.google.co.nz/citations?hl=en&user=7htTUTgmLtUC
	Nachiappan Nagappan	51	https://scholar.google.co.nz/citations?hl=en&user=Nzx_7P8AAAAJ

Reference item: \ 8. IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER)

 This conference was published at 15 times by 7 of 20 experts in the last 5 years.

The experts that publish at this conference are: Lionel C. Briand(2), Nachiappan Nagappan(1), Gail C. Murphy(1), Massimiliano Di Penta(6), Jan Bosch(1), James D. Herbsleb(1), Arie van Deursen(3)

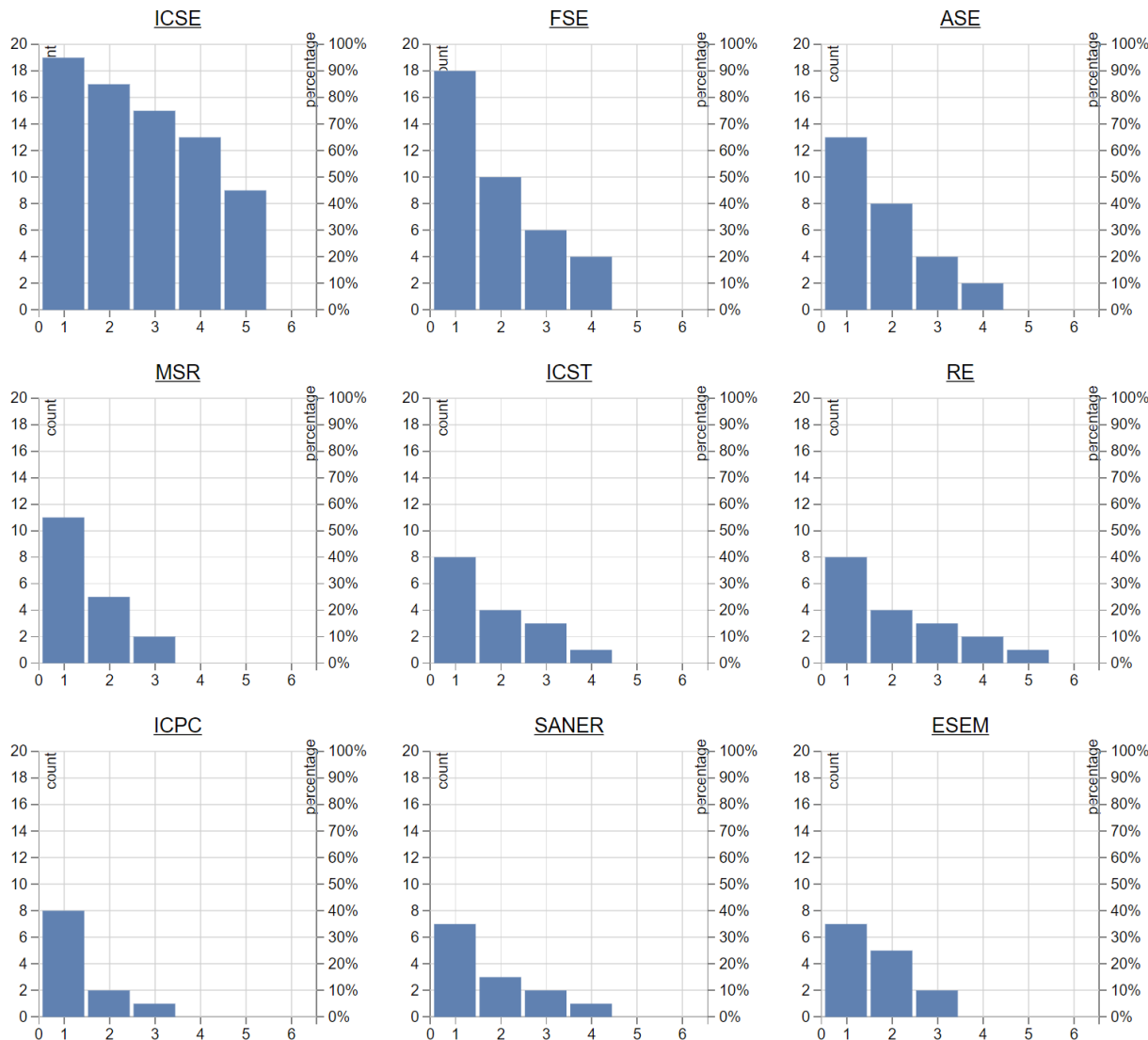
In 2015, there were 2 publications by 2 experts: Massimiliano Di Penta, Arie van Deursen

In 2016, there were 6 publications by 5 experts: Lionel C. Briand, Massimiliano Di Penta, Nachiappan Nagappan, Gail C. Murphy, Arie van Deursen

In 2017, there were 2 publications by 2 experts: Lionel C. Briand, Arie van Deursen
 In 2018, there were 1 publications by 1 experts: Jan Bosch
 In 2019, there were 1 publications by 1 experts: Massimiliano Di Penta
 In 2020, there were 3 publications by 2 experts: Massimiliano Di Penta, James D. Herbsleb

7 out of the 20 experts published at this conference in 1 or more years
 3 out of the 20 experts published at this conference in 2 or more years
 2 out of the 20 experts published at this conference in 3 or more years
 1 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/addrank1119_top_people_report.txt
 Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1119_top_people_graph.png



Other Information

Comparator Comparison

Comparator

IEEE International Working Conference on Mining Software Repositories

Explanation as to why conference is superior to comparator:
 The h5 index of MSR is 40, while the h5 index of SANER is also 40.
 Both the conferences share the same sets of GCs and PC chairs.

Link to comparator report:
http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1119_752.pdf

Comparator

IEEE International Conference on Software Maintenance and Evolution (prior to 2014 was ICSM, IEEE International Conference on Software Maintenance)

Explanation as to why conference is superior to comparator:

The h5 index of ICSME is 33, while the h5 index of SANER is 40.

SANER is ranked 8th in the most preferred venue in WPP for top people, while ICSME is not ranked in top 9.

Both the conferences share the same sets of GCs and PC chairs.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1119_755.pdf

Attachments

N/A

Proposers

First name: Xin

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First name: Foutse

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Submitted By

Name: Xia Xin

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