



Submission Data for 2020-2021 CORE conference Ranking process
IEEE International Conference on Program Comprehension (previously IWPC, changed in 2006)

Sonia Haiduc, Federica Sarro

Conference Details

Conference

Title: IEEE International Conference on Program Comprehension (previously IWPC, changed in 2006)
Acronym : ICPC
Rank: C

Requested Rank

Rank: A

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://dl.acm.org/doi/proceedings/10.1145/3387904>

Further details: Publisher: alternating between ACM and IEEE each year.

ICPC has been collocated with ICSE (the International Conference on Software Engineering) since 2013. The ICPC proceedings are part of the ICSE proceedings as a whole, but they are self-contained, with their own front matter, table of contents, etc.

In the 2020 proceedings, the full papers are contained in separate sections of the proceedings: "SESSION: Research" and "SESSION: Programming Education". In previous years' proceedings, such as 2019 (<https://dl.acm.org/doi/proceedings/10.5555/3339076>), the full research papers may be mixed in with short papers in various "sessions" in the program and in the proceedings. They can be distinguished by the number of pages, as full papers have 10 or more pages each and short papers have 6 or less pages each.

Most Recent Years

Most Recent Year

Year: 2019

URL: <https://conf.researchr.org/home/icpc-2019>

Location: Montreal, QC, Canada

Papers submitted: 93

Papers published: 24

Acceptance rate: 26

Source for numbers: <https://dl.acm.org/action/showFmPdf?doi=10.5555%2F3339076>

General Chairs

Name: Yann-Ga r l Gu th rheuc

Affiliation: Concordia University, Montr l, Canada

Gender: M

H Index: 54

GScholar url: https://scholar.google.com/citations?user=_VV4cZYAAA&hl=en&oi=ao

DBLP url: <https://dblp.org/pid/20/6995.html>

Program Chairs

Name: Foutse Khomh
Affiliation: Ecole Polytechnique Montr al, Canada
Gender: M
H Index: 33
GScholar url: <https://scholar.google.com/citations?hl=en&user=YYXb3KIAAAAJ>
DBLP url: <https://dblp.org/pers/hd/k/Khomh:Foutse>

Name: Federica Sarro
Affiliation: University College London, London, United Kingdom
Gender: F
H Index: 27
GScholar url: <https://scholar.google.com/citations?hl=en&user=nW9MDIQAAAAJ>
DBLP url: <https://dblp.org/pid/18/7526.html>

Second Most Recent Year

Year: 2018
URL: <https://conf.researchr.org/home/icpc-2018>
Location: Gothenburg, Sweden
Papers submitted: 67
Papers published: 26
Acceptance rate: 39
Source for numbers: <https://portalparts.acm.org/320000/3196321/fm/frontmatter.pdf>

General Chairs

Name: Foutse Khomh
Affiliation: Ecole Polytechnique Montr al, Canada
Gender: M
H Index: 33
GScholar url: <https://scholar.google.ca/citations?user=YYXb3KIAAAAJ>
DBLP url: <https://dblp.org/pers/hd/k/Khomh:Foutse>

Program Chairs

Name: Chanchal K. Roy
Affiliation: University of Saskatchewan
Gender: M
H Index: 37
GScholar url: <https://scholar.google.com/citations?user=cEZKjXgAAAAJ>
DBLP url: https://dblp.org/pers/hd/r/Roy:Chanchal_Kumar

Name: Janet Siegmund
Affiliation: University of Passau
Gender: F
H Index: 23
GScholar url: <https://scholar.google.com/citations?user=Lg3MjDMAAAAJ>
DBLP url: <https://dblp.org/pers/hd/s/Siegmund:Janet>

Third Most Recent Year

Year: 2017
URL: <http://icpc2017.unibas.it/>
Location: Buenos Aires, Argentina
Papers submitted: 83
Papers published: 28
Acceptance rate: 34
Source for numbers: <https://portalparts.acm.org/3110000/3101414/fm/frontmatter.pdf>

General Chairs

Name: Giuseppe Scanniello
Affiliation: Giuseppe Scanniello
Gender: M
H Index: 27
GScholar url: <https://scholar.google.com/citations?user=2ps8xkcAAAAJ>
DBLP url: <https://dblp.org/pers/hd/s/Scanniello:Giuseppe>

Program Chairs

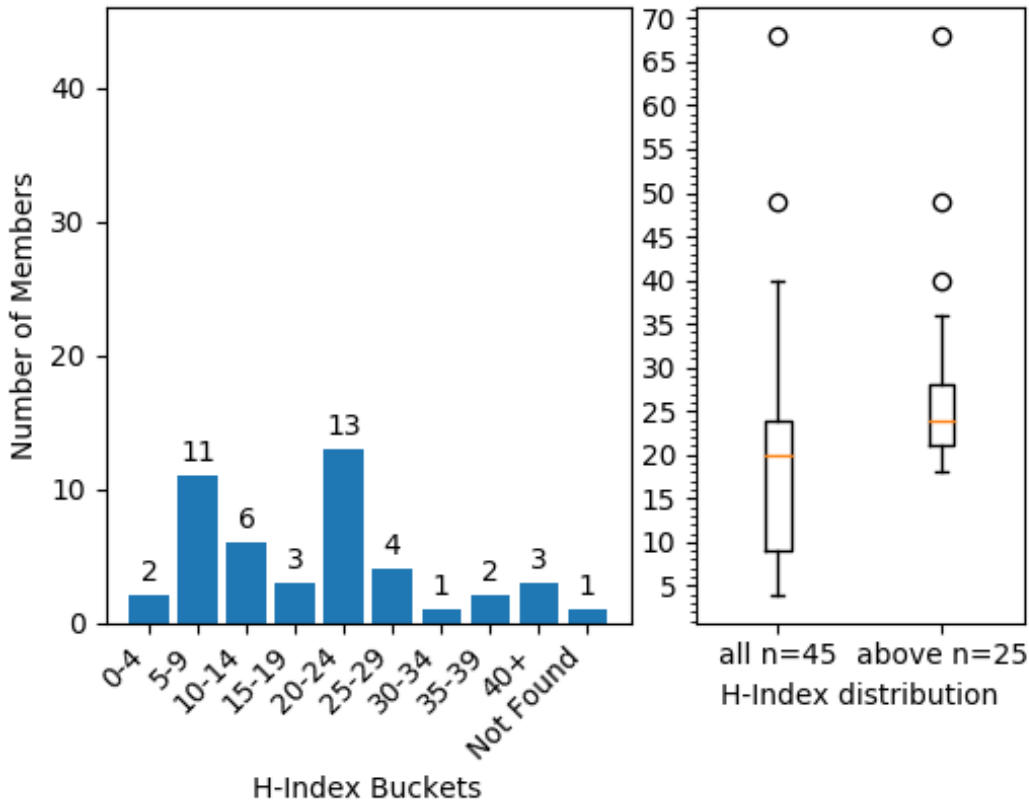
Name: David Lo Affiliation: Singapore Management University Gender: M H Index: 65 GScholar url: https://scholar.google.com/citations?user=Ra4bt-oAAAAJ DBLP url: https://dblp.uni-trier.de/pers/hd/l/Lo_0001:David
Name: Alexander Serebrenik Affiliation: Eindhoven University of Technology Gender: M H Index: 45 GScholar url: https://scholar.google.com/citations?user=Mcn2e18AAAAJ DBLP url: https://dblp.uni-trier.de/pers/hd/s/Serebrenik:Alexander

Policies

Chair Selection: The Steering Committee is responsible for soliciting, considering, and approving proposals for ICPC conferences, including the appointment of one or more General Chair(s) and one or more Program Chair(s) for ICPC.
 Policy name: International Conference on Program Comprehension (ICPC) Steering Committee Charter
 Policy url: <https://www.program-comprehension.org/ICPC-Charter-v1.3.pdf>

(Senior) Program Committee

Link to (s)pc: <https://conf.researchr.org/committee/icpc-2019/icpc-2019-technical-research-program-committee>
 File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/PC_2019_ICPC_8ZTrVWR.txt
 H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1480.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_software systems
 Position in sub-category: 20+

Categories > Engineering & Computer Science > Software Systems ▾

	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: 24

ACM Metrics

Is an ACM sponsored conference: True

Providing ACM Stats: True

ACM Statistics

Downloads in last 12 months: 10002

Average citations per article: 5

Average downloads per article: 121

ACM Most frequently publishing

Name: Andrea de Lucia Paper Count: 8 Google Scholar h-index: 65 Gscholar url: https://scholar.google.com/citations?user=iyx0u6kAAAAJ&hl=en
Name: Fabio Palomba Paper Count: 8 Google Scholar h-index: 33 Gscholar url: https://scholar.google.com/citations?hl=en&user=hwc0gd4AAAAJ
Name: Gabriele Bavota Paper Count: 7 Google Scholar h-index: 48 Gscholar url: https://scholar.google.com/citations?hl=en&user=inc2FLEAAAAJ
Name: Xin Xia Paper Count: 7 Google Scholar h-index: 36 Gscholar url: https://scholar.google.com/citations?hl=en&user=XSZRxEAAAAJ
Name: Shinji Kusumoto Paper Count: 5 Google Scholar h-index: 0 Gscholar url: http://none.none
Name: Alessandro Fabricio Garcia Paper Count: 5 Google Scholar h-index: 44 Gscholar url: https://scholar.google.com/citations?hl=en&user=rP1LYboAAAAJ
Name: Yoshiki Higo Paper Count: 5 Google Scholar h-index: 25 Gscholar url: https://scholar.google.com/citations?hl=en&user=FtXOWgMAAAAAJ
Name: Chanchal Roy Paper Count: 5 Google Scholar h-index: 37 Gscholar url: https://scholar.google.com/citations?hl=en&user=vHHWDO4AAAAJ
Name: Kevin Schneider Paper Count: 4 Google Scholar h-index: 30 Gscholar url: https://scholar.google.com/citations?hl=en&user=dU41IUIAAAAJ
Name: Denys Poshyvanyk Paper Count: 4 Google Scholar h-index: 65 Gscholar url: https://scholar.google.com/citations?hl=en&user=gyLFsOIAAAAJ

Aminer Rank

Aminer rank: 15

Aminer name: IEEE International Conference on Program Comprehension

Acronym / shortname: ICPC

h-5 index: 24

CCF level: B

THU level: B

Top Aminer Cites: http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1480_aminer_top_cite.png

1	<p>Eye movements in code reading: relaxing the linear order</p> <p>Teresa Busjahn, Roman Bednark, Andrew Begel, Martha E. Crosby, James H. Paterson, Carsten Schulte, Bonita Sharif, Sascha Tamm (2015)</p>	Cited by 128
2	<p>Deep code comment generation</p> <p>Xing Hu Q., Ge Li, Xin Xia, David Lo, Zhi Jin (2018)</p>	Cited by 95
3	<p>I know what you did last summer: an investigation of how developers spend their time</p> <p>Roberto Minelli, Andrea Mocci, Michele Lanza (2015)</p>	Cited by 85
4	<p>A Textual-based Technique for Smell Detection</p> <p>Palomba Fabio, Panichella Annibale, De Lucia Andrea, Oliveto Rocco, Zaidman Andy (2015)</p>	Cited by 67
5	<p>Bug localization with combination of deep learning and information retrieval</p> <p>An Ngoc Lam Q., Anh Tuan Nguyen Q., Hoan Anh Nguyen, Tien N. Nguyen (2017)</p>	Cited by 60
6	<p>A Novel Approach for Estimating Truck Factors</p> <p>Guilherme Avelino Q., Leonardo Teixeira Passos, André C. Hora, Marco Tulio Valente (2016)</p>	Cited by 52
7	<p>Code, camera, action: how software developers document and share program knowledge using YouTube</p> <p>Laura MacLeod, Margaret-Anne D. Storey, Andreas Bergen (2015)</p>	Cited by 48
8	<p>Do code smells hamper novice programming? A controlled experiment on Scratch programs</p> <p>Fellenne Hermans, Efthimia Aivaloglou (2016)</p>	Cited by 47
9	<p>Improving code readability models with textual features</p> <p>Simone Scalabrino Q., Mario Linares Vásquez, Denys Poshyvanyk, Rocco Oliveto (2016)</p>	Cited by 43
10	<p>Detecting clones in Android applications through analyzing user interfaces</p> <p>Charlie Soh Q., Hee Beng Kuan Tan, Yauhen Leanidavich Arnatovich, Lipo Wang (2015)</p>	Cited by 42
11	<p>RCLinker: Automated Linking of Issue Reports and Commits Leveraging Rich Contextual Information</p> <p>Tien-Duy B. Le, Mario Linares Vásquez, David Lo, Denys Poshyvanyk (2015)</p>	Cited by 37
12	<p>License usage and changes: a large-scale study of Java projects on GitHub</p> <p>Christopher Vendome Q., Mario Linares Vásquez, Gabriele Bavota, Massimiliano Di Penta, Daniel M. Germán, Denys Poshyvanyk (2015)</p>	Cited by 36
13	<p>Comparing Trace Visualizations for Program Comprehension through Controlled Experiments</p> <p>Florian Fittkau, Santje Finke Q., Wilhelm Hasselbring, Waller, J. (2015)</p>	Cited by 36
14	<p>On automatically detecting similar Android apps</p> <p>Mario Linares Vásquez, Andrew Holtzhauer, Denys Poshyvanyk (2016)</p>	Cited by 34
15	<p>The effect of poor source code lexicon and readability on developers' cognitive load</p> <p>Sarah Fakhoury Q., Yuzhan Ma, Venera Amaoudova, Olusola O. Adesope (2018)</p>	Cited by 33

Other Rankings

URL: <http://www.conferenceranks.com/?searchall=icpc#data>
 Description: Rank A2 in the Qualis conference ranks.

Qualis (2012) This conference ranking has been published by the Brazilian ministry of education and uses the H-index as performance measure for conferences. Based on the H-index percentiles, the conferences are grouped into performance classes that range from A1 (=best), A2, B1, ..., B5 (=worst).

Rank: A2

URL: <http://gii-grin-scie-rating.scie.es/ratingSearch.jsf>

Description: LiveSHINE ranking

Rank: A

Conferences in area: Main conferences publishing articles in program comprehension:

1. International Conference in Software Engineering (ICSE)
2. ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE)
3. International Conference on Software Maintenance and Evolution (ICSME)
4. International Conference on Program Comprehension (ICPC)

Top People Publishing Here

name: Massimiliano di Penta

justification: H-index: 74 (<https://scholar.google.com/citations?hl=en&user=j6ucy0AAAAAJ>)

Winner of 9 best paper/distinguished research paper awards and one most influential paper award.

PC co-chair for ESEC/FSE 2021 (second most prestigious conference in software engineering).

Area chair for ICSE 2022 (top conference in software engineering).

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: ALWAYS

name: Gabriele Bavota

justification: H-index: 48 (<https://scholar.google.com/citations?hl=en&user=inc2FLEAAAAAJ>)

Winner of 8 best paper/distinguished research paper awards.

PC co-chair for several conferences and workshops.

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: ALWAYS

name: Denys Poshyvanyk

justification: H-index: 65 (<https://scholar.google.com/citations?user=gyLFs0IAAAAAJ>)

Winner of 13 best paper/distinguished research paper awards.

Winner of 3 most influential paper awards.

PC co-chair for ASE 2021 and many other conferences and workshops.

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	3	1	3	4

Attendance: ALWAYS

name: Andrea de Lucia

justification: H-index: 66 (<https://scholar.google.com/citations?hl=en&user=iyx0u6kAAAAAJ>)

Published over 250 articles in journals, conferences and book chapters.

Recipient of several best paper/distinguished paper awards.

Senior member of IEEE and IEEE Computer Society. Was member of the Executive Committee of the IEEE Technical Council on Software Engineering (TCSE).

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: SOMETIMES

name: Michele Lanza

justification: H-index: 58 (<https://scholar.google.com/citations?hl=en&user=hKMBth8AAAAAJ>)

Published over 200 research articles in conferences and articles.

Served as program co-chair, general chair and steering committee member for several conferences in the field.

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: ALWAYS

name: Tien N. Nguyen

justification: H-index: 47 (<https://scholar.google.com/citations?hl=en&user=14Qh0VoAAAAAJ>)

Winner of 4 best paper/distinguished research paper awards.

Served as program co-chair for several conferences in the field, including ASE 2017.

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: SOMETIMES

name: Oscar Nierstrasz

justification: H-index: 52 (<https://scholar.google.com/citations?hl=en&user=Yi00hUYAAAAAJ>)

Winner of the Senior Dahlbom Nygaard Prize in 2013, one of the most prestigious prizes in the area of software engineering.

Published over 300 research articles in conferences and articles.

He is also known as the author of "Identify the Champion", a pattern language for managing the peer review process of conferences.

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: SOMETIMES

name: Jonathan Maletic

justification: H-index: 43 (https://scholar.google.com/citations?hl=en&user=n9_W4kYAAAAAJ)

Recipient of 1 distinguished research paper award and 3 most influential paper awards.

Received the Mining Software Repositories 2020 Foundational Contribution Award.

Published over 140 papers in conferences and journals.

Served as program co-chair, general chair and steering committee member for several conferences in the field.

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: ALWAYS

name: Katsuro Inoue

justification: H-index: 41 (<https://scholar.google.com/citations?hl=en&user=S1iG5sAAAAAJ>)

Received the Mining Software Repositories 2019 Foundational Contribution Award.

Published over 235 papers in conferences and journals.

Served as program co-chair, general chair and steering committee member for several conferences in the field.

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: OFTEN

name: Tao Xie

justification: H-index: 65 (<https://scholar.google.com/citations?hl=en&user=DhhH9J4AAAAAJ>)

ACM Distinguished Scientist, IEEE Fellow, and AAAS Fellow.

Microsoft Research Outstanding Collaborator Award (one of the 32 awardee professors around the world), Microsoft Research Software

Engineering Innovation Foundation (SEIF) Award, Google Faculty Research Award, Facebook Research Award, IBM Jazz Innovation

Award, and IBM Faculty Awards.

PC co-chair for ICSE 2020.

(Considering 2019 the most recent edition based on the guidelines.)

Paper counts:

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

Attendance: OCCASIONALLY

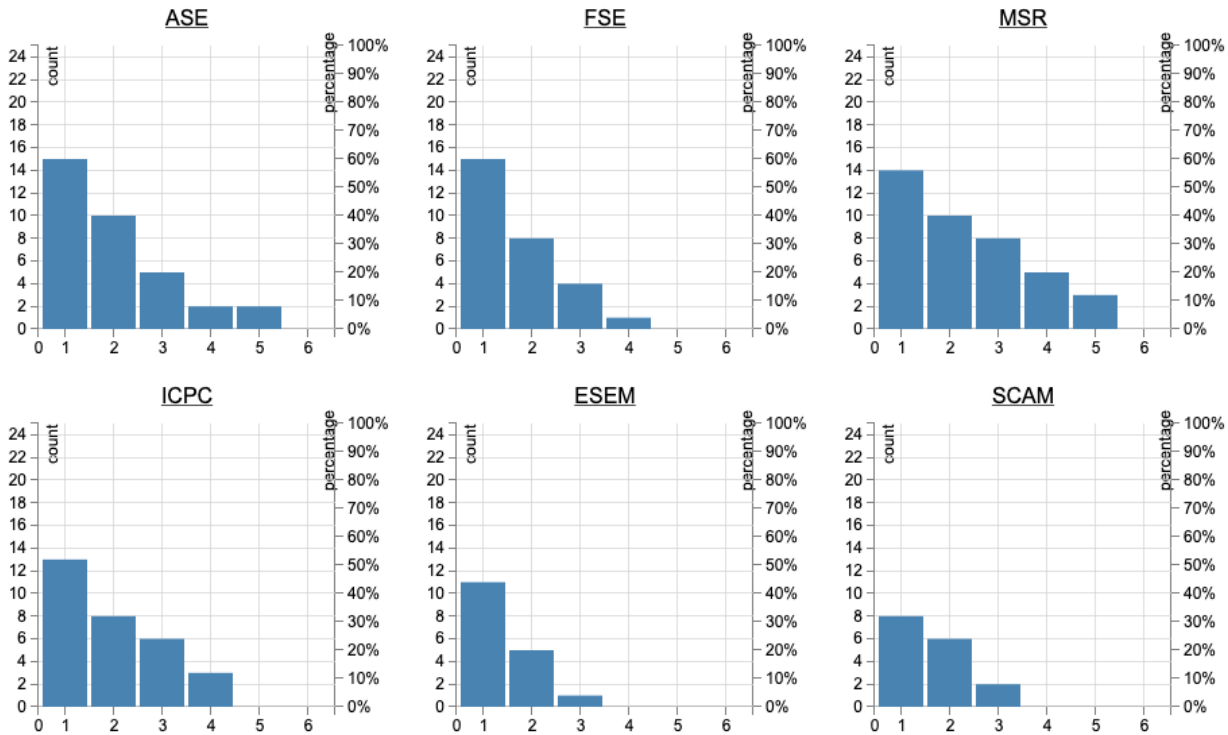
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1480_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1480_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1480_spc_graph.png



Reference item: \ 7. IEEE International Conference on Program Comprehension (ICPC)

 This conference was published at 38 times by 13 of 25 experts in the last 5 years.

The experts that publish at this conference are: Gabriele Bavota(6), Fabio Palomba(5), Chris Parnin(1), Dror G. Feitelson(6), Shinji Kusumoto(6), Giuliano Antoniol(2), Chanchal Kumar Roy(4), Andrew Begel(1), Thomas Fritz 0001(1), Lingxiao Jiang(1), Andrea De Lucia(5), Giuseppe Scanniello(1), Xin Xia 0001(4)

In 2015, there were 6 publications by 5 experts: Gabriele Bavota, Dror G. Feitelson, Shinji Kusumoto, Andrew Begel, Giuliano Antoniol

In 2016, there were 4 publications by 4 experts: Fabio Palomba, Andrea De Lucia, Giuseppe Scanniello, Shinji Kusumoto

In 2017, there were 12 publications by 8 experts: Gabriele Bavota, Fabio Palomba, Andrea De Lucia, Dror G. Feitelson, Giuliano Antoniol, Chanchal Kumar Roy, Xin Xia 0001, Lingxiao Jiang

In 2018, there were 10 publications by 7 experts: Gabriele Bavota, Fabio Palomba, Andrea De Lucia, Shinji Kusumoto, Thomas Fritz 0001, Chanchal Kumar Roy, Xin Xia 0001

In 2019, there were 6 publications by 6 experts: Gabriele Bavota, Fabio Palomba, Andrea De Lucia, Dror G. Feitelson, Chanchal Kumar Roy, Chris Parnin

13 out of the 25 experts published at this conference in 1 or more years

8 out of the 25 experts published at this conference in 2 or more years

6 out of the 25 experts published at this conference in 3 or more years

3 out of the 25 experts published at this conference in 4 or more years

Top People Report

Method of selection: Searching for the specific area of program comprehension in Google Scholar profiles (i.e., searching for label:program_comprehension) leads to too few results, since some people only set more general tags. Searching for label:software_engineering led to many irrelevant results due to the fact that many people set their labels as software engineering despite not publishing in software engineering venues.

Therefore, I used middle-of-the-road keywords, namely software_evolution, software_maintenance, software_maintenance_and_evolution, mining_software_repositories which returned more accurate results. Program comprehension is a topic that is generally under the umbrella of software maintenance and evolution and researchers often mine software repositories to aid program comprehension. I selected the top people with h-index_i45 from the results of all searches in order until I had a list of 20 distinct people.

Keyword: label:software_evolution, label:software_maintenance, label:software_maintenance_and_evolution, label:mining_software_repositories

name	h-index	gscholar url
Ahmed E. Hassan	77	https://scholar.google.com/citations?hl=en&user=9hwXx34AAAAJ
Massimiliano Di Penta	74	https://scholar.google.com/citations?hl=en&user=j6ucy0AAAAAJ
Oscar Nierstrasz	52	https://scholar.google.com/citations?hl=en&user=Yi00hUYAAAAJ
Giuliano Antoniol	62	https://scholar.google.com/citations?hl=en&user=136elhQAAAAJ
Harald Gall	57	https://scholar.google.com/citations?hl=en&user=kXX_FYoAAAAJ
Tom Mens	49	https://scholar.google.com/citations?hl=en&user=5RJe8dsAAAAJ
Andrian Marcus	52	https://scholar.google.com/citations?hl=en&user=ZZiaPdYAAAAJ
Eleni Stroulia	47	https://scholar.google.com/citations?hl=en&user=TyM1dLwAAAAJ
Martin P. Robillard	46	https://scholar.google.com/citations?hl=en&user=X1Do0wgAAAAJ
Gregorio Robles	47	https://scholar.google.com/citations?hl=en&user=BhVjp-UAAAAJ
Jeff Offutt	68	https://scholar.google.com/citations?hl=en&user=fAeRp3kAAAAJ
Stéphane Ducasse	56	https://scholar.google.com/citations?hl=en&user=7fHNqtoAAAAJ
Bram Adams	51	https://scholar.google.com/citations?hl=en&user=XS9QH_UAAAAJ
Ing-Xiang Chen	66	https://scholar.google.com/citations?hl=en&user=RgaochMAAAAJ
Thomas Zimmermann	67	https://scholar.google.com/citations?hl=en&user=5zvpooAAAAJ
Tao Xie	65	https://scholar.google.com/citations?hl=en&user=DhhH9J4AAAAJ
Sunghun Kim	51	https://scholar.google.com/citations?hl=en&user=JE_m2UgAAAAJ
Arie van Deursen	60	https://scholar.google.com/citations?hl=en&user=jjCkWXgAAAAJ
Andrea De Lucia	66	https://scholar.google.com/citations?hl=en&user=iyxOu6kAAAAJ
Rocco Oliveto	59	https://scholar.google.com/citations?hl=en&user=8sCivdQAAAAJ

Reference item: \ 8. IEEE International Conference on Program Comprehension (ICPC)

This conference was published at 17 times by 7 of 18 experts in the last 5 years.

The experts that publish at this conference are: Giuliano Antoniol(2), Massimiliano Di Penta(3), Bram Adams(1), Andrea De Lucia(5), Oscar Nierstrasz(4), Rocco Oliveto(4), Arie van Deursen(1)

In 2015, there were 3 publications by 4 experts: Giuliano Antoniol, Massimiliano Di Penta, Oscar Nierstrasz, Bram Adams

In 2016, there were 2 publications by 2 experts: Andrea De Lucia, Rocco Oliveto

In 2017, there were 6 publications by 5 experts: Oscar Nierstrasz, Giuliano Antoniol, Massimiliano Di Penta, Andrea De Lucia, Rocco Oliveto

In 2018, there were 5 publications by 5 experts: Massimiliano Di Penta, Oscar Nierstrasz, Andrea De Lucia, Rocco Oliveto, Arie van Deursen

In 2019, there were 1 publications by 1 experts: Andrea De Lucia

7 out of the 18 experts published at this conference in 1 or more years

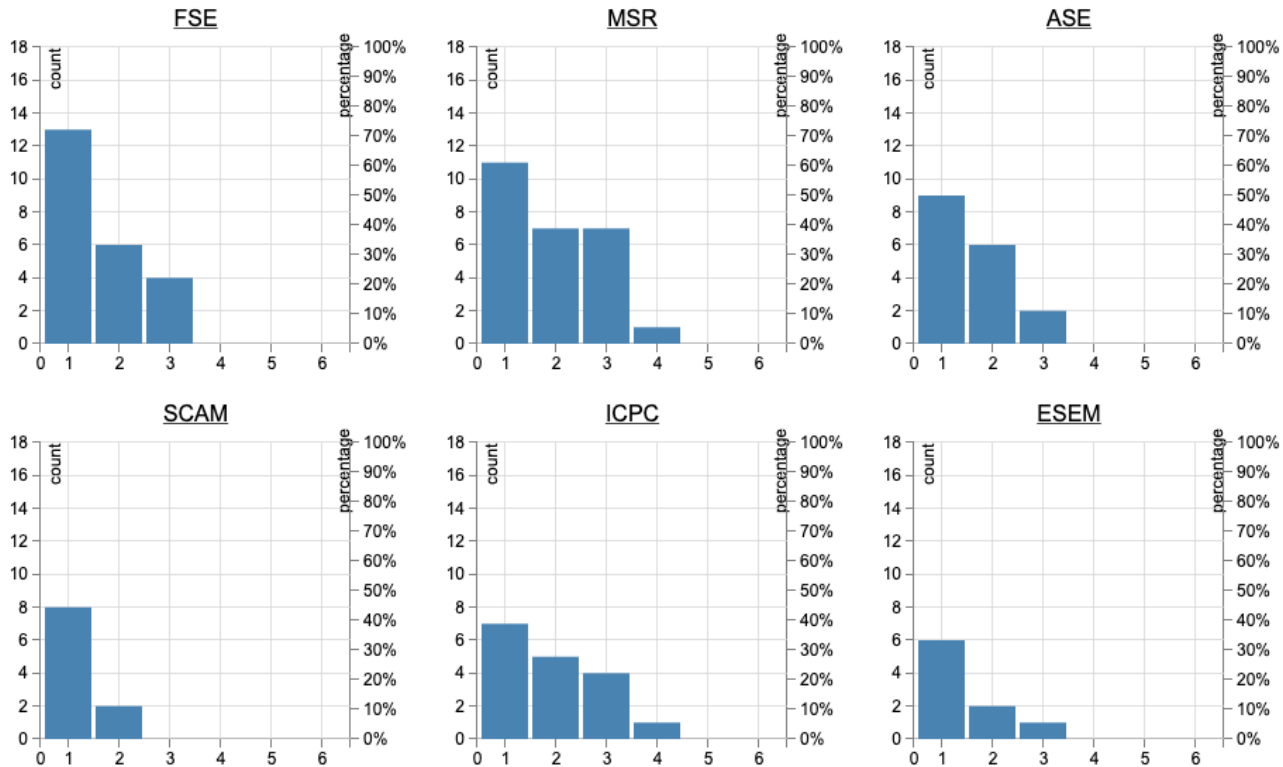
5 out of the 18 experts published at this conference in 2 or more years

4 out of the 18 experts published at this conference in 3 or more years

1 out of the 18 experts published at this conference in 4 or more years WPP Report:

http://portal.core.edu.au/core/media/conf_rank_report/higherrank1480_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1480_top_people_graph.png



Other Information

Comparator Comparison

Comparator

International Conference on Software and System Processes (was ICSP prior to 2011)

Explanation as to why conference is superior to comparator:

Aminer conference ranking for Software Engineering / System Software / Programming Language: ICPC is on position 15, ICSSP is on position 35.

H5-index: ICPC - 24; ICSSP - 14

Acceptance rates: ICPC has lower acceptance rates than ICSSP in 2 out of the three comparison years (2019 and 2017).

The average number of submissions is higher for ICPC (81) than ICSSP (36) across the three comparison years.

The average H-index across all General Chairs and Program Chairs (those having a Google Scholar profile and H-index) across the three comparison years is higher for ICPC (38) than ICSSP (26). It is also worth noting that for ICPC, all General Chairs and Program chairs have a Google Scholar profile and H-index, while that is not the case for ICSSP.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1480_571.pdf

Comparator

European Conference on Object-Oriented Programming

Explanation as to why conference is superior to comparator:

Aminer conference ranking for Software Engineering / System Software / Programming Language: ICPC is on position 15, ECOOP is on position 20.

H5-index: ICPC - 24; ECOOP - 20

Acceptance rates: ICPC has lower acceptance rates than ECOOP in 2 out of the three comparison years (2019 and 2018). Mind that in 2018, while acceptance rates for both conferences were rounded to 39% in the form, ICPC had 38.8% while ECOOP had 39.4% acceptance rate. For 2017, the acceptance rates are less than 0.5% apart: ICPC had 33.7% while ECOOP had 33.3%.

The average number of submissions is higher for ICPC (81) than ECOOP (69) across the three comparison years.

The average H-index across all General Chairs and Program Chairs (those having a Google Scholar profile and H-index) across the three comparison years is higher for ICPC (38) than ECOOP (37).

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1480_1084.pdf

Comparator

International Conference on Evaluation and Assessment in Software Engineering

Explanation as to why conference is superior to comparator:

Aminer conference ranking for Software Engineering / System Software / Programming Language: ICPC is on position 15, EASE is on position 22.

H5-index: ICPC - 24; EASE - 20

Acceptance rates: ICPC has lower acceptance rates than EASE in 2 out of the three comparison years (2019 and 2017).

The average number of submissions is higher for ICPC (81) than EASE (66) across the three comparison years.

The average H-index across all General Chairs and Program Chairs (those having a Google Scholar profile and H-index) across the three comparison years is higher for ICPC (38) than EASE (34).

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1480_1087.pdf

Comparator

Static Analysis Symposium

Explanation as to why conference is superior to comparator:

Aminer conference ranking for Software Engineering / System Software / Programming Language: ICPC is on position 15, SAS is on position 31.

H5-index: ICPC - 24; SAS - 15

Acceptance rates: ICPC has significantly lower acceptance rates than SAS in all 3 comparison years.

The average number of submissions is higher for ICPC (81) than SAS (46) across the three comparison years.

The average H-index across all General Chairs and Program Chairs (those having a Google Scholar profile and H-index) across the three comparison years is higher for ICPC (38) than SAS (29).

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1480_1091.pdf

Comparator

International Symposium on Automated Technology for Verification and Analysis

Explanation as to why conference is superior to comparator:

Aminer conference ranking for Software Engineering / System Software / Programming Language: ICPC is on position 15, ATVA is on position 24.

H5-index: ICPC - 24; ATVA - 19

Acceptance rates: While ATVA has a lower acceptance rate than ICPC in 2 of the three comparison years (2018 and 2017), the average acceptance rate across the three comparison years is comparable between the two conferences: 32.6% for ATVA and 32.8% for ICPC, with ICPC's average acceptance rate being slightly higher.

The average number of submissions is higher for ICPC (81) than ATVA (75) across the three comparison years.

The average H-index across all General Chairs and Program Chairs (those having a Google Scholar profile and H-index) across the three comparison years is higher for ICPC (38) than ATVA (21).

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1480_1092.pdf

Attachments

N/A

Proposers

First name: Sonia

Last name: Haiduc

Affiliation: Florida State University

Email: shaiduc@cs.fsu.edu

First name: Federica

Last name: Sarro

Affiliation: University College London

Email: f.sarro@ucl.ac.uk

Submitted By

Name: Haiduc Sonia

Email: sonia.haiduc@gmail.com