



**Submission Data for 2020-2021 CORE conference Ranking process
International Conference on Functional Programming**

Jeremy Gibbons

Conference Details

Conference

Title: International Conference on Functional Programming
Acronym : ICFP
Rank: A*

Requested Rank

Rank: A*

Recent Years

Proceedings Publishing Style

Proceedings Publishing: journal

Link to most recent proceedings: <https://dblp.uni-trier.de/db/journals/pacmpl/pacmpl14.html#nrICFP>

Further details: ACM introduced the PACM series of journals in 2017 for "the best conferences published by ACM", for publishing the proceedings of conferences with a two-phase reviewing process comparable to journal reviewing (<https://www.acm.org/publications/pacm/introducing-pacm>). In particular, Proceedings of the ACM on Programming Languages (PACMPL) has published the proceedings of ICFP, OOPSLA, and POPL since September 2017 (<https://dl.acm.org/journal/pacmpl>). It is published Gold Open Access.

Most Recent Years

Most Recent Year

Year: 2019
URL: <https://icfp19.sigplan.org/>
Location: Berlin
Papers submitted: 119
Papers published: 39
Acceptance rate: 33
Source for numbers: SlidesfromPCChair's report

General Chairs

Name: Derek Dreyer Affiliation: MPS-SWS Gender: M H Index: 33 GScholar url: https://scholar.google.com/citations?user=1_c89uMAAAAJ&hl=en DBLP url:
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Program Chairs

Name: Francois Pottier Affiliation: INRIA Gender: M H Index: 30 GScholar url: https://scholar.google.com/citations?user=7R6jcZ0AAAAJ&hl=en DBLP url:
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Second Most Recent Year

Year: 2018

URL: <https://icfp18.sigplan.org/>

Location: St Louis, Missouri

Papers submitted: 120

Papers published: 40

Acceptance rate: 33

Source for numbers: <https://www.youtube.com/watch?v=AVjjBpjNN8s>

General Chairs

Name: Robby Findler Affiliation: Northwestern University Gender: M H Index: 38 GScholar url: https://scholar.google.com/citations?user=eBqftc8AAAAJ&hl=en DBLP url:

Program Chairs

Name: Matthew Flatt Affiliation: University of Utah Gender: M H Index: 39 GScholar url: https://scholar.google.com/citations?user=9sMIvdgAAAAJ&hl=en DBLP url:
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Third Most Recent Year

Year: 2017

URL: <https://icfp17.sigplan.org/>

Location: Oxford

Papers submitted: 127

Papers published: 44

Acceptance rate: 35

Source for numbers: Chairs' Report

General Chairs

Name: Jeremy Gibbons Affiliation: University of Oxford Gender: M H Index: 32 GScholar url: https://scholar.google.com/citations?user=uNR4vFcAAAAJ&hl=en DBLP url:

Program Chairs

Name: Mark Jones Affiliation: Portland State University Gender: M H Index: 32 GScholar url: https://scholar.google.com/citations?user=txPcjIsAAAAJ&hl=en DBLP url:
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Policies

Chair Selection: Like all the major SIGPLAN conferences, ICFP is managed by a Steering Committee (<http://icfpconference.org/structure.html>), which follows the SIGPLAN guidelines (<http://www.sigplan.org/Resources/Guidelines/SCommittee/>), including the SIGPLAN Diversity Policy (<http://www.sigplan.org/Resources/Policies/Diversity/>). The process for selecting chairs follows the principles set out in The Functioning of ICFP (<http://icfpconference.org/TheFunctioningofICFP.pdf>): "The General Chair is selected two years in advance by the Steering Committee, and is subject to the approval of the SIGPLAN Executive Committee. The General Chair then selects the PC Chair, with the approval of the SC and the SIGPLAN EC. The General and Program Chairs must come from different institutions. The General and Program Chairs select other members of the Organizing Committee."

Policy name: SIGPLAN Diversity Policy, Submission Review Policy, Replication Policy, Code of Conduct, Policy on Errata and Academic Disputes

Policy url: <http://www.sigplan.org/Resources/Guidelines/ConferenceOrganizers/>

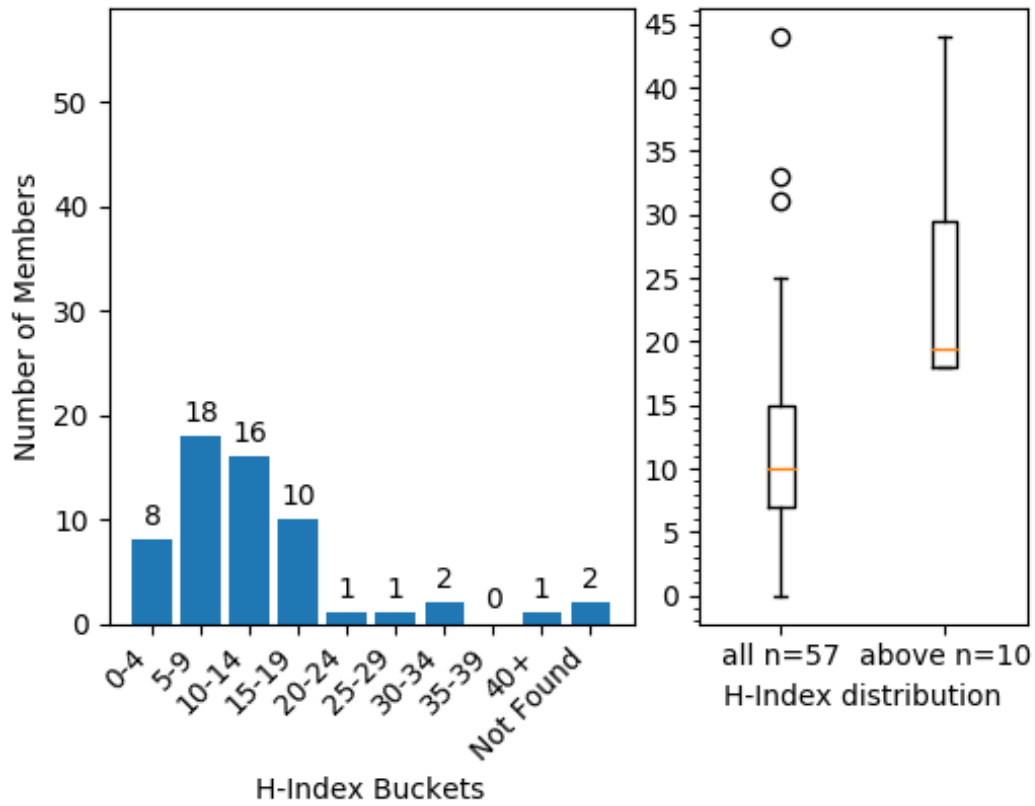
(Senior) Program Committee

Link to (s)pc: <https://icfp19.sigplan.org/committee/icfp-2019-papers-program-committee>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/ICFP2020_UdIvZt5.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/higherrank_hindex_buckets_1102.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: 18

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank1102_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

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

No Google Scholar h5 index available for this conference

Potential reason for no h5 index: ICFP is published in PACMPL, which is listed among the Top 20 in one of the Google Scholar subcategories (it's at position 18 in Software Systems, as quoted above), with h5-index=31. There's no separate entry for ICFP, because GS can't separate the ICFP papers from the POPL and OOPSLA papers in PACMPL. Note that the h5-index of 31 is undercounting, because PACMPL has only been around for three years; in two years' time it will be significantly higher.

ACM Metrics

Is an ACM sponsored conference: True

Providing ACM Stats: True

ACM Statistics

Downloads in last 12 months: 60476

Average citations per article: 14

Average downloads per article: 325

ACM Most frequently publishing

Name: Simon Peyton Jones Paper Count: 7 Google Scholar h-index: 86 Gscholar url: https://scholar.google.co.uk/citations?user=QsX7G-cAAAAJ&hl=en
Name: ÅLric Tanter Paper Count: 5 Google Scholar h-index: 34 Gscholar url: https://scholar.google.com/citations?user=dOLISE4AAAAJ&hl=en
Name: Benjamin C. Pierce Paper Count: 4 Google Scholar h-index: 65 Gscholar url: https://scholar.google.com/citations?user=2kkddh0AAAAJ&hl=en
Name: Lars Birkedal Paper Count: 4 Google Scholar h-index: 45 Gscholar url: https://scholar.google.co.uk/citations?user=1rW-bi0AAAAJ&hl=en
Name: Amal Ahmed Paper Count: 4 Google Scholar h-index: 31 Gscholar url: https://scholar.google.co.uk/citations?user=Y1C007wAAAAJ&hl=en
Name: Umut A. Acar Paper Count: 4 Google Scholar h-index: 31 Gscholar url: https://scholar.google.com/citations?user=wJ4NywgAAAAJ&hl=en&oi=ao
Name: Andreas Abel 0001 Paper Count: 4 Google Scholar h-index: 24 Gscholar url: https://scholar.google.com/citations?user=diMIMosAAAAJ&hl=en
Name: Robbert Krebbers Paper Count: 4 Google Scholar h-index: 17 Gscholar url: https://scholar.google.co.uk/citations?user=8JmcliwAAAAJ&hl=en
Name: Richard Eisenberg Paper Count: 4 Google Scholar h-index: 14 Gscholar url: https://scholar.google.com/citations?hl=en&user=YbkgV7gAAAAJ
Name: Nicolas Wu Paper Count: 4 Google Scholar h-index: 11 Gscholar url: https://scholar.google.com/citations?user=0E8zPucAAAAJ&hl=en&oi=ao

Aminer Rank

Aminer rank: 120

Aminer name: International Conference on Function Programming [sic]

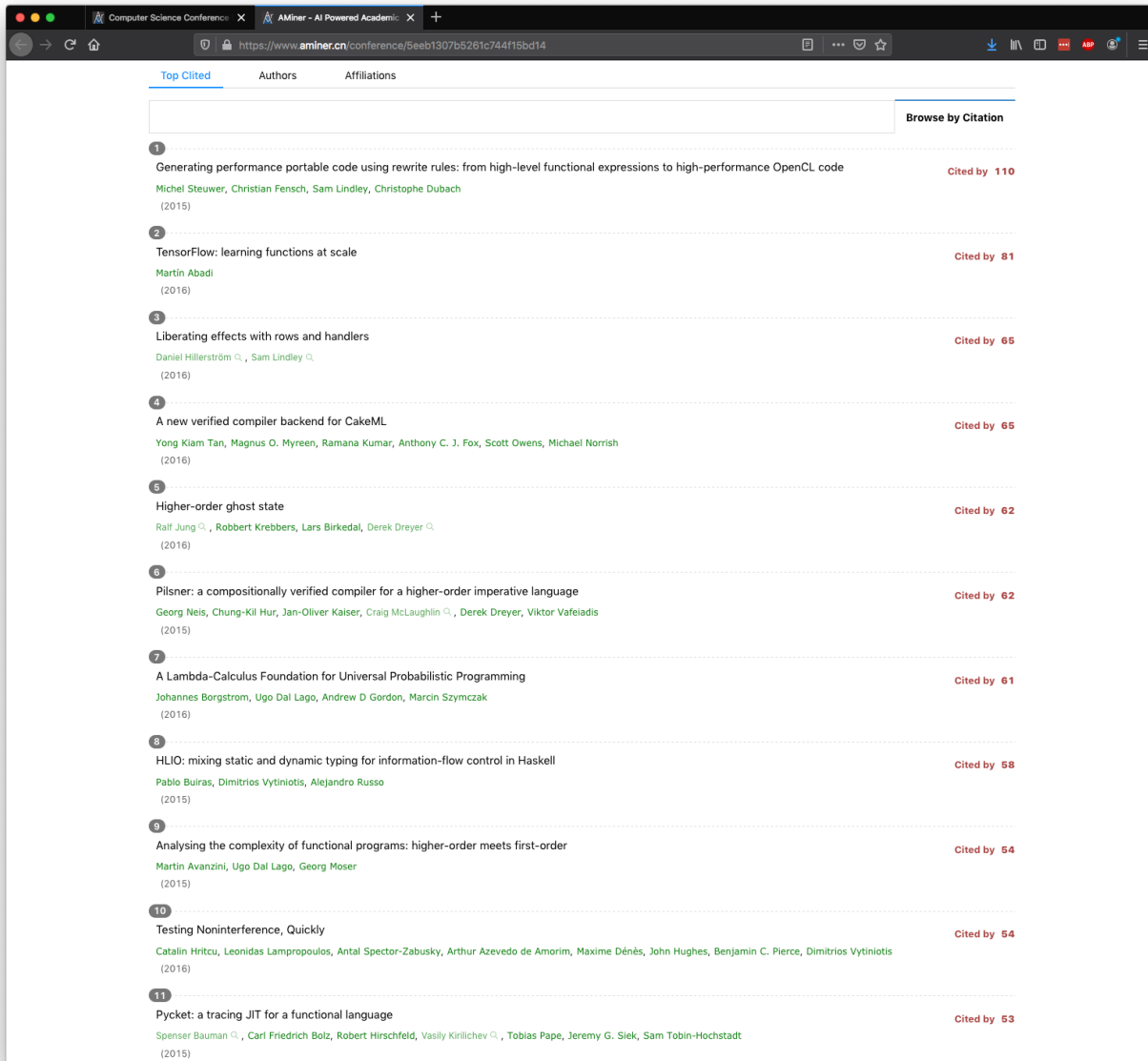
Acronym / shortname: ICFP

h-5 index: 26

CCF level: B

THU level: B

Top Aminer Cites: http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1102_aminer_top_cite.png



Other Rankings

URL: <http://csranks.org/#/index?plan>

Description: csranks.org ranks institutions rather than conferences, but it takes as a starting position that the top 4 conferences in PL are PLDI, POPL, ICFP, OOPSLA

Rank: 3

Conferences in area: For papers in functional programming, ICFP is the most important conference in which to be published. I would rank as follows:

1 ICFP 2 POPL 3 PLDI 4 OOPSLA 5 ESOP 6 APLAS

Top People Publishing Here

name: Simon Peyton Jones

justification: h-index 86 (<https://scholar.google.co.uk/citations?hl=en&user=QsX7G-cAAAAJ>). Fellow of the Royal Society, ACM Fellow, Member of Academia Europaea

Paper counts:

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

Attendance: ALWAYS

name: Philip Wadler

justification: h-index 73 (<https://scholar.google.co.uk/citations?hl=en&user=Iz-3VFQAAAAJ>). Fellow of the Royal Society of Edinburgh, ACM Fellow

Paper counts:

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

Attendance: ALWAYS

name: Benjamin C. Pierce

justification: h-index 65 (<https://scholar.google.co.uk/citations?hl=en&user=2kkddh0AAAAJ>)

Paper counts:

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

Attendance: ALWAYS

name: Matthias Felleisen

justification: h-index 62 (<https://scholar.google.co.uk/citations?hl=en&user=KP-Vo44AAAAJ>) . ACM Fellow

Paper counts:

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

Attendance: OFTEN

name: Andrew D. Gordon

justification: h-index 59 (<https://scholar.google.co.uk/citations?hl=en&user=mfBjUiAAAAJ>)

Paper counts:

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

Attendance: OFTEN

name: David Walker

justification: h-index 53 (<https://scholar.google.co.uk/citations?hl=en&user=UEI2g60AAAAJ>)

Paper counts:

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

Attendance: OFTEN

name: Shriram Krishnamurthi

justification: h-index 52 (<https://scholar.google.co.uk/citations?hl=en&user=Cxwj5hEAAAAJ>)

Paper counts:

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

Attendance: OCCASIONALLY

name: Ranjit Jhala

justification: h-index 45 (<https://scholar.google.co.uk/citations?hl=en&user=H3wb878AAAAJ>)

Paper counts:

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

Attendance: OFTEN

name: Matthew Flatt

justification: h-index 39 (<https://scholar.google.co.uk/citations?hl=en&user=9sMIvdgAAAAJ>)

Paper counts:

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

Attendance: ALWAYS

name: Umut A. Acar

justification: h-index 31 (<https://scholar.google.com/citations?user=wJ4NywgAAAAJ&hl=en&oi=ao>)

Paper counts:

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

Attendance: OCCASIONALLY

Where People Publish

Top (Senior) Program Committee Members

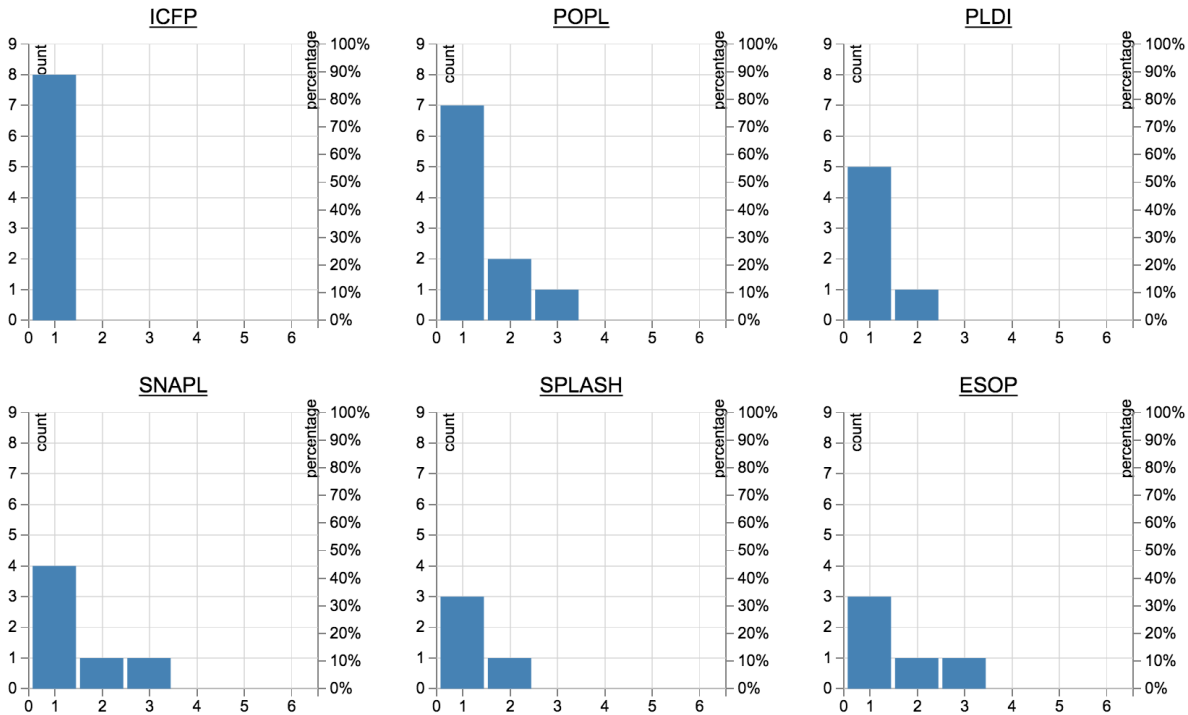
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WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1102_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1102_spc_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.



Journal WPP Report: http://portal.core.edu.au/core/media/conf_rank_journal_report/higherrank1102_spc_jnl_report.txt

Reference item: \\ 1. ACM SIGPLAN International Conference on Functional Programming (ICFP)

This conference was published at 9 times by 8 of 9 experts in the last 5 years.

The experts that publish at this conference are: Giuseppe Castagna(1), Adam Chlipala(1), Tom Schrijvers(1), Gabriele Keller(1), Tiark Rompf(2), Stefan K. Muller(1), Shriram Krishnamurthi(1), Frank Piessens(1)

In 2015, there were 6 publications by 5 experts: Tiark Rompf, Adam Chlipala, Shriram Krishnamurthi, Tom Schrijvers, Gabriele Keller

In 2016, there were 3 publications by 3 experts: Giuseppe Castagna, Frank Piessens, Stefan K. Muller

8 out of the 9 experts published at this conference in 1 or more years

Top People Report

Method of selection: Picking the people whom Google Scholar lists as having first interest "Programming Languages" or "Programming Languages and Software Engineering" or "Functional Programming", omitting the retired and deceased, and sorting by h-index.

Keyword: Programming Languages

name	h-index	gscholar url
Simon Peyton Jones	86	https://scholar.google.co.uk/citations?hl=en&user=QsX7G-cAAAAJ
Thomas W. Reps	79	https://scholar.google.co.uk/citations?hl=en&user=pwhyTqOAAAAJ
Alex Aiken	75	https://scholar.google.co.uk/citations?hl=en&user=3vKjkoQAAAAJ
Philip Wadler	73	https://scholar.google.co.uk/citations?hl=en&user=Iz-3VFQAAAAJ
James R. Larus	69	https://scholar.google.co.uk/citations?hl=en&user=xWZTGPAAAAJ
Benjamin C. Pierce	65	https://scholar.google.co.uk/citations?hl=en&user=2kkddhOAAAAJ
Frank Pfenning	64	https://scholar.google.co.uk/citations?hl=en&user=ghWKBWAAAAJ
Matthias Felleisen	62	https://scholar.google.co.uk/citations?hl=en&user=KP-Vo44AAAAJ
Gul Agha	61	https://scholar.google.co.uk/citations?hl=en&user=orHlhhQAAAAJ
Mooly Sagiv	61	https://scholar.google.co.uk/citations?hl=en&user=j4UuW8OAAAAJ
Andrew D. Gordon	59	https://scholar.google.co.uk/citations?hl=en&user=mfBjUiIAAAAAJ
Keshav Pingali	59	https://scholar.google.co.uk/citations?hl=en&user=02UU6wgAAAAJ
Martin Odersky	59	https://scholar.google.com/citations?hl=en&user=LbRD9tEAAAAJ
Shriram K. Rajamani	55	https://scholar.google.co.uk/citations?hl=en&user=o-EdErcAAAAJ
David Walker	53	https://scholar.google.co.uk/citations?hl=en&user=UEI2g6OAAAAJ
Crista Lopes	52	https://scholar.google.co.uk/citations?hl=en&user=FaY_RgsAAAAJ
Andrew Myers	52	https://scholar.google.co.uk/citations?hl=en&user=ovlpa_IAAAAAJ
J. Eliot B. Moss	52	https://scholar.google.co.uk/citations?hl=en&user=yYtaDFUAAAAJ
Xavier Leroy	52	https://scholar.google.co.uk/citations?hl=en&user=K5yXAeAAAAJ
Shriram Krishnamurthi	52	https://scholar.google.co.uk/citations?hl=en&user=Cxwj5hEAAAAJ

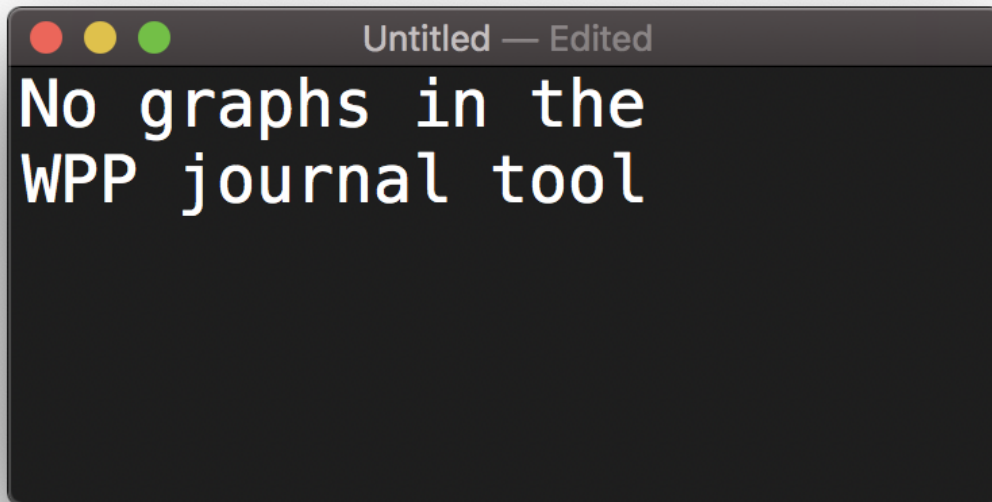
Reference item: \ 2. Proc. ACM Program. Lang. (pacmpl)

This journal was published at 40 times by 15 of 20 experts in the last 13 years.

The experts that publish at this journal are: Simon Peyton Jones(4), Mooly Sagiv(5), Benjamin C. Pierce(8), Matthias Felleisen(3), Shriram Krishnamurthi(1), Frank Pfenning(2), Martin Odersky(1), Keshav Pingali(1), Thomas W. Reps(4), Philip Wadler(4), James R. Larus(2), J. Eliot B. Moss(1), David Walker(4), Alex Aiken(2), Andrew D. Gordon(1)

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1102_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1102_top_people_graph.png



Other Information

Comparator Comparison

Comparator

Measurement and Modeling of Computer Systems

Explanation as to why conference is superior to comparator:

No h5-index is available for SIGMETRICS - it's not in the top 20 of any field in Google Scholar. In contrast, PACMPL (where ICFP is published) is in position 18 in Software Systems according to GS.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1102_437.pdf

Comparator

Computer Aided Verification

Explanation as to why conference is superior to comparator:

Median citation counts for the last five years place ICFP and CAV about on the same level (ICFP ahead for 2015, 2018, 2019; CAV ahead for 2016, 2017). See detailed information in Section F.2 below.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1102_842.pdf

Other Relvant Info

Other relevant information: See attached PDF

Attachments

http://portal.core.edu.au/core/media/request_attachment/ICFP_other_relevant_information_FT3wDNZ.pdf

Proposers

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