



**Submission Data for 2020-2021 CORE conference Ranking process**  
**International Conference on Principles and Practice of Declarative Programming**

James Cheney

## Conference Details

### Conference

Title: International Conference on Principles and Practice of Declarative Programming  
Acronym : PPDP  
Rank: B

### Data and Metrics

#### Google Scholar Metrics

h5-index: 14sub-category url:  
[https://scholar.google.com.au/citations?view\\_op=top\\_venues&hl=en&vq=eng\\_theoreticalcomputerscienceposition in sub-category: 20+Image of top 20:](https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_theoreticalcomputerscienceposition in sub-category: 20+Image of top 20:)

Google Scholar			
SIGN IN			
Top publications			
Categories > Engineering & Computer Science > Theoretical Computer Science			
Publication	h5-index	h5-median	
1. ACM Symposium on Theory of Computing	63	85	
2. IEEE Symposium on Foundations of Computer Science (FOCS)	54	78	
3. ACM SIAM Symposium on Discrete Algorithms	49	65	
4. SIAM Journal on Computing	45	69	
5. Journal of the ACM (JACM)	38	57	
6. Theoretical Computer Science	37	52	
7. International Colloquium on Automata, Languages and Programming (ICALP)	32	42	
8. Conference on Innovations in Theoretical Computer Science	31	45	
9. Journal of Computer and System Sciences	31	44	
10. IEEE Symposium on Logic in Computer Science	31	40	
11. ACM Transactions on Algorithms (TALG)	28	37	
12. Algorithmica	28	35	
13. Fundamenta Informaticae	27	41	
14. Logical Methods in Computer Science	27	36	
15. Journal of Automated Reasoning	26	43	
16. Information Processing Letters	26	35	
17. Information and Computation	26	34	
18. Random Structures & Algorithms	26	34	
19. European Symposium on Algorithms	26	33	
20. Journal of Logic and Computation	25	33	

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

## 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: Jos   Meseguer

justification: GS h-index of 82 <https://scholar.google.com/citations?hl=en&user=KZFo7ZkAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Frank Pfenning

justification: GS h-index of 65 <https://scholar.google.com/citations?hl=en&user=ghWKWBAAAAJ>

Paper counts:

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

Attendance: OCCASIONALLY

name: Dale Miller

justification: GS h-index 64 <https://scholar.google.com/citations?user=d9WopvMAAAAJ&hl=en&oi=ao>

Paper counts:

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

Attendance: OCCASIONALLY

name: Mira Mezini

justification: GS h-index 54 <https://scholar.google.com/citations?user=d9WopvMAAAAJ&hl=en&oi=ao>

Paper counts:

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

Attendance: OCCASIONALLY

name: Andrew Appel

justification: GS h-index 54 [https://scholar.google.com/citations?hl=en&user=wC\\_ntLYAAAAJ](https://scholar.google.com/citations?hl=en&user=wC_ntLYAAAAJ)

Paper counts:

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

Attendance: OCCASIONALLY

name: Manuel Hermenegildo

justification: GS h-index 53 ? <https://scholar.google.com/citations?hl=en&user=VXQGJD0AAAAJ>

Paper counts:

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

Attendance: OFTEN

name: Michael Hanus

justification: GS h-index 39 <https://scholar.google.com/citations?hl=en&user=SkNKYjQAAAAJ>

PC chair of LOPSTR 2009 and PADL 2007 <https://scholar.google.com/citations?hl=en&user=SkNKYjQAAAAJ>

Paper counts:

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

Attendance: SOMETIMES

name: Peter Thiemann

justification: GS h-index 31 <https://scholar.google.com/citations?hl=en&user=yJST1UAAAAAJ>

PC chair of ICFP 2007 <https://dblp.uni-trier.de/pid/t/PeterThiemann.html>

Paper counts:

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

Attendance: SOMETIMES

name: Amal Ahmed

justification: PC chair of ESOP 2018 <https://scholar.google.com/citations?user=Y1C007wAAAAJ&hl=en&oi=ao> Editor of Journal of Functional Programming

<https://www.cambridge.org/core/journals/journal-of-functional-programming/information/editorial-board>

Paper counts:

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

Attendance: SOMETIMES

name: Philippa Gardner

justification: PC chair of ESOP 2013 <https://dblp.uni-trier.de/pid/g/PhilippaGardner.html>

Paper counts:

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

Attendance: SOMETIMES

## Where People Publish

### Top People Report

Method of selection: [In case of formatting issues, please see the PDF submitted in Section D, which contains a copy of this information.] PPDP's topic areas, namely declarative programming techniques that combine computation and logic, straddle several communities with larger, more focused conferences, such as ICFP, POPL, LICS, and ICLP. Furthermore, researchers active in this area often self-identify as working on "Programming Languages", "Type systems", "Functional programming", "Logic", "Logic Programming", "Reactive programming", "Object-oriented programming", or "Computational Logic" in Google scholar labels, and relatively few as working on "Declarative programming" as such. Some very well known researchers publishing in PPDP don't have these labels in their Google Scholar profiles (or don't have profiles at all). On the other hand, some of the top researchers publishing in venues listed above work on topics that are clearly more suitable for these conferences rather than PPDP, as they do not involve the overlap of programming languages and logic. "Programming Languages" is a very broad term including research on compilers, runtime systems, and conventional (non-declarative) programming languages, thus to identify experts in the area covered by PPDP it is reasonable to look for people whose profiles are labeled with either one of these more specific terms, or with both "programming languages" and "logic". Therefore we believe that straightforwardly applying the suggested methodology using a single keyword leads to a very unbalanced impression of PPDP's place in the research landscape. For example, leading functional programming researchers are far more likely to publish in venues like ICFP or POPL, when their work does not fall into the intersection with another area covered by PPDP. Nevertheless, to engage with the CORE process, we have tried to follow the suggested approach as best we can.

We applied the following methodology to identify top researchers that work on topics for which PPDP would be a suitable publication venue.

Based on topics mentioned in the calls for papers, we ran the following searches in Google Scholar (each line is a separate search retrieving the conjunction of all of the labels, with the resulting names on the next line) and included everyone with h-index over 45 appearing on the first two pages who is active in research in the last five years.

label:logic label:programming languages (Pfenning, Saraswat, Zdancewic)

label:type\_systems label:programming languages (Morrisett)

label:computational\_logic (Lifschitz, Shankar)

label:logic\_programming (Muggleton, Polleres, Kifer, Bruynooghe, Miller, Hermenegildo)

label:functional\_programming (Peyton Jones, Wadler, Pierce, Leroy)

We excluded Paul Hudak from this list because he was not active in research over the past five years (he unfortunately passed away in 2015).

label:reactive\_programming (Mezini)

label:object\_oriented\_programming (Meyer)

We in addition added Jose Meseguer (h-index 82, ACM fellow) and Andrew Appel (h-index 54, ACM fellow), whose Google Scholar profiles do not include any of the above search terms (Meseguer's lists "Computer Science, Mathematics, Logic" while Appel's lists none). Participation in Google Scholar, and choice of profile labels, are entirely self-chosen and we believe their inclusion is objectively justified by their election as ACM fellow and close association with topics covered by PPDP (evidenced by the fact they have published at PPDP). We believe it is objectively defensible to argue that Meseguer and Appel work in areas such as computational logic and functional programming based on their long publication histories, and therefore would have been included in the above search if these labels were applied systematically rather than through self-identification.

Keyword: See above

name	h-index	gscholar url
Simon Peyton Jones	87	<a href="https://scholar.google.com/citations?user=QsX7G-cAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=QsX7G-cAAAAJ&amp;hl=en&amp;oi=ao</a>
JosÃl Meseguer	82	<a href="https://scholar.google.com/citations?hl=en&amp;user=KZFo7ZkAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=KZFo7ZkAAAAJ</a>
Stephen Muggleton	73	<a href="https://scholar.google.com/citations?hl=en&amp;user=WxJXT2MAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=WxJXT2MAAAAAJ</a>
Philip Wadler	72	<a href="https://scholar.google.com/citations?user=Iz-3VFQAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=Iz-3VFQAAAAJ&amp;hl=en&amp;oi=ao</a>
Frank Pfenning	65	<a href="https://scholar.google.com/citations?hl=en&amp;user=ghWKWBAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=ghWKWBAAAAJ</a>
Benjamin Pierce	64	<a href="https://scholar.google.com/citations?hl=en&amp;user=2kkddh0AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=2kkddh0AAAAJ</a>
Vladimir Lifschitz	61	<a href="https://scholar.google.com/citations?hl=en&amp;user=FuOqWNEAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=FuOqWNEAAAAJ</a>
Axel Polleres	59	<a href="https://scholar.google.com/citations?hl=en&amp;user=R-SmVOYAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=R-SmVOYAAAAJ</a>
Bertrand Meyer	57	<a href="https://scholar.google.co.uk/citations?user=W8nOgCwAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.co.uk/citations?user=W8nOgCwAAAAJ&amp;hl=en&amp;oi=ao</a>
Dale A. Miller	54	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=d9WopvMAAAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=d9WopvMAAAAAJ</a>
Andrew Appel	54	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=wC_ntLYAAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=wC_ntLYAAAAJ</a>
Mira Mezini	54	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=ESQUnJEEAAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=ESQUnJEEAAAAJ</a>
Natarajan Shankar	54	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=qVzY4XYAAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=qVzY4XYAAAAJ</a>
Manuel Hermenegildo	53	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=VXQQJD0AAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=VXQQJD0AAAAJ</a>
Xavier Leroy	53	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=K5yXAeAAAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=K5yXAeAAAAAJ</a>
Michael Kifer	53	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=HIOYWhYAAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=HIOYWhYAAAAJ</a>
Greg Morrisett	51	<a href="https://scholar.google.com/citations?hl=en&amp;user=Dswus94AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Dswus94AAAAJ</a>
Vijay Saraswat	50	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=yT1DBNsAAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=yT1DBNsAAAAJ</a>
Maurice Bruynooghe	49	<a href="https://scholar.google.co.uk/citations?hl=en&amp;user=JQ7hJQgAAAAJ">https://scholar.google.co.uk/citations?hl=en&amp;user=JQ7hJQgAAAAJ</a>
Steve Zdancewic	48	<a href="https://scholar.google.com/citations?hl=en&amp;user=19kNRU0AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=19kNRU0AAAAJ</a>

Reference item: \\ 1. ACM-SIGPLAN International Conference on Principles and Practice of Declarative Programming (PPDP)

Core Rank: B

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This conference was published at 10 times by 7 of 20 individuals in the last 5 years.

The individuals that publish at this conference are: Andrew W. Appel(1), Dale A. Miller(2), Mira Mezini(2), Manuel V. Hermenegildo(2), Greg Morrisett(1), Jos Meseguer(1), Frank Pfenning(1)

In 2016, there were 4 publications by 4 individuals: Manuel V. Hermenegildo, Mira Mezini, Greg Morrisett, Jos Meseguer

In 2017, there were 1 publications by 1 individuals: Andrew W. Appel

In 2018, there were 2 publications by 2 individuals: Manuel V. Hermenegildo, Mira Mezini

In 2019, there were 2 publications by 1 individuals: Dale A. Miller

In 2020, there were 1 publications by 1 individuals: Frank Pfenning

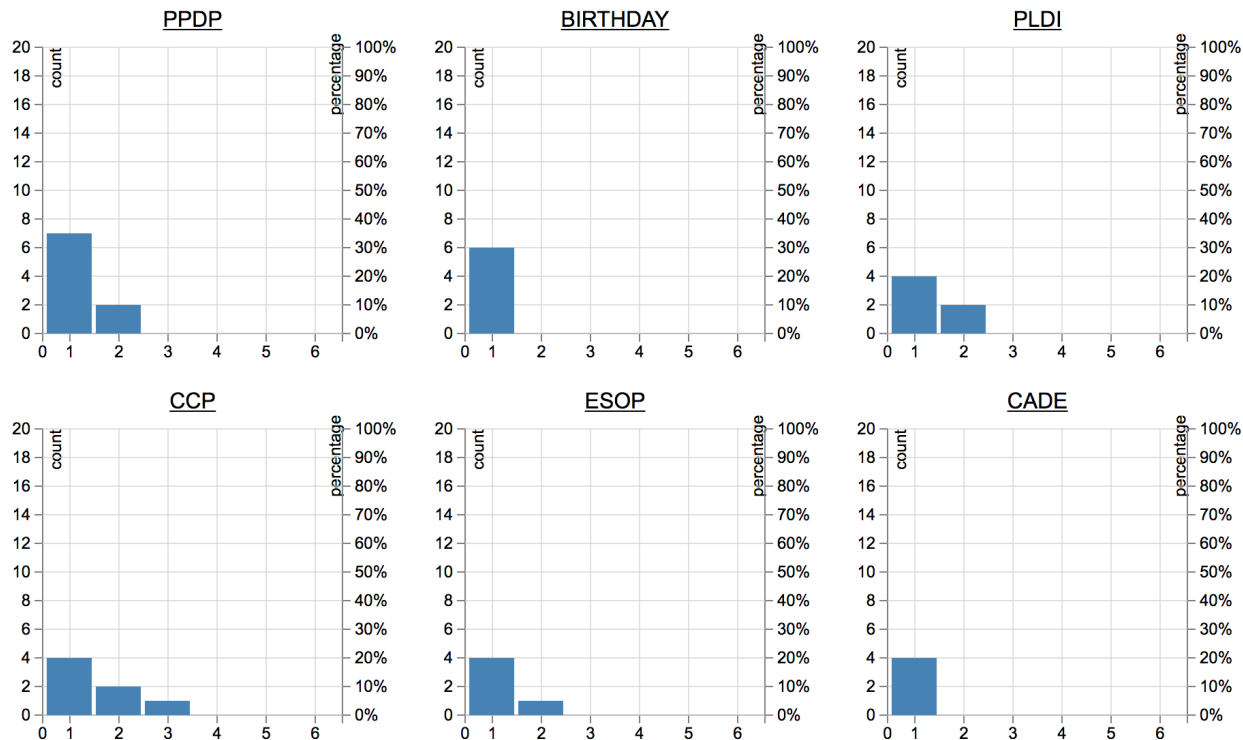
7 out of the 20 individuals published at this conference in 1 or more years

2 out of the 20 individuals published at this conference in 2 or more years WPP Report:

[http://portal.core.edu.au/core/media/conf\\_rank\\_report/extra\\_info1854\\_top\\_people\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/extra_info1854_top_people_report.txt)

Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/extra\\_info1854\\_top\\_people\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/extra_info1854_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

Attachments

[http://portal.core.edu.au/core/media/request\\_attachment/core-comments.pdf](http://portal.core.edu.au/core/media/request_attachment/core-comments.pdf)

Proposers

First name: James  
Last name: Cheney  
Affiliation: University of Edinburgh  
Email: [jcheney@inf.ed.ac.uk](mailto:jcheney@inf.ed.ac.uk)

Submitted By

Name: Cheney James  
Email: [jcheney@inf.ed.ac.uk](mailto:jcheney@inf.ed.ac.uk)