



**Submission Data for 2020-2021 CORE conference Ranking process
European Conference on Object-Oriented Programming**

Davide Ancona

Conference Details

Conference

Title: European Conference on Object-Oriented Programming
Acronym : ECOOP
Rank: A

Data and Metrics

Google Scholar Metrics

h5-index: 21 position in sub-category: 20+Image of top 20:

☰ Google Scholar

◆ Top publications

Categories > Engineering & Computer Science > Software Systems ▾

Publication	h5-index	h5-median
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.

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Aminer Rank: 343 Name in Aminer: European Conference on Object Oriented Programming Acronym or Shorthand: ECOOP-5 Index: 20CCF: BTHU: B

Top Aminer Cites: http://portal.core.edu.au/core/media/conf_submissions_citations/extra_info1868_aminer_top_cite.png

Publications

Top Cited	Authors	Affiliations	
			Browse by Citation
1	The Love/Hate Relationship with the C Preprocessor: An Interview Study		Cited by 73
	Flávio Medeiros, Christian Kästner, Márcio Ribeiro, Sarah Nadi, Rohit Gheyi (2015)		
2	Boomerang: Demand-Driven Flow- and Context-Sensitive Pointer Analysis for Java		Cited by 58
	Johannes Spöth, Lisa Nguyen Quang Do, Karim Ali, Eric Bodden (2016)		
3	Strong Logic for Weak Memory: Reasoning About Release-Acquire Consistency in Iris		Cited by 54
	Jan-Oliver Kaiser, Hoang-Hai Dang, Derek Dreyer, Ori Lahav, Viktor Vafeiadis (2017)		
4	Scalable and Precise Static Analysis of JavaScript Applications via Loop-Sensitivity		Cited by 53
	Changhee Park, Sukyoung Ryu (2015)		
5	Lightweight Session Programming in Scala		Cited by 48
	Alceste Scalas, Nobuko Yoshida (2016)		
6	Global Sequence Protocol: A Robust Abstraction for Replicated Shared State		Cited by 48
	Sebastian Burckhardt, Daan Leijen, Jonathan Protzenko, Manuel Fähndrich (2015)		
7	Concrete Types for TypeScript		Cited by 45
	Gregor Richards, Francesco Zappa Nardelli, Jan Vitek (2015)		
8	Micro-Policies: Formally Verified, Tag-Based Security Monitors		Cited by 44
	Arthur Azevedo de Amorim, Maxime Dénès, Nick Giannarakis, Catalin Hritcu, Benjamin C. Pierce, Antal Spector-Zabusky, Andrew Tolmach (2015)		
9	Towards Practical Gradual Typing		Cited by 41
	Asumu Takikawa, Daniel Feltey, Earl Dean, Matthew Flatt, Robert Bruce Findler, Sam Tobin-Hochstadt, Matthias Felleisen (2015)		
10	A Linear Decomposition of Multiparty Sessions for Safe Distributed Programming		Cited by 39
	Alceste Scalas, Ornella Dardha, Raymond Hu, Nobuko Yoshida (2017)		

Other Rankings

Not aware of any other Rankings

Conferences in area:

Top People Publishing Here

name: Nobuko Yoshida

justification: Researcher at Imperial college, inventor of session types, H-index=56 (<https://scholar.google.com/citations?user=4T-p76AAAAAJ&hl=en>)

Paper counts:

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

Attendance: ALWAYS

name: Yannis Smardagakis

justification: Key researcher in Smart Contracts and Program Analysis H=index-40

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

Paper counts:

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

Attendance: ALWAYS

name: Jan Vitek

justification: Inventor of Ownership types and Dahl-Nygaard Prize winner (<http://www.aito.org/Dahl-Nygaard/2020.html>)

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

Paper counts:

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

Attendance: ALWAYS

name: Eelco Visser

justification: Author of the Spoofox language workbench (<http://eelcovisser.org>)

H-index=49 <https://scholar.google.com/citations?user=10A7zicAAAAJ&hl=en>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	0	1	1	None

Attendance: ALWAYS

name: James Noble

justification: Co-inventor of Ownership types and Dahl-Nygaard Prize winner (

[https://en.wikipedia.org/wiki/James_Noble_\(computer_scientist\)](https://en.wikipedia.org/wiki/James_Noble_(computer_scientist)))

H-index = 50 <https://scholar.google.com/citations?user=SSUL-D8AAAAJ&hl=en>

Paper counts:

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

Attendance: ALWAYS

name: Mira Mezini

justification: She is known for her research on programming languages, intelligent software development environments, modular software architectures, and software security.

https://en.wikipedia.org/wiki/Mira_Mezini

H-index=54 (<https://scholar.google.com/citations?user=ESQUnJEAAAAJ&hl=en>)

Paper counts:

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

Attendance: ALWAYS

name: Philip Wadler

justification: Philip Wadler is known for his contributions to programming language design and type theory. In particular, he has contributed to the theory behind functional programming and the use of monads, the design of the purely functional language Haskell, [9] and the XQuery declarative query language. (https://en.wikipedia.org/wiki/Philip_Wadler)

H-index=72 (<https://scholar.google.co.uk/citations?user=Iz-3VFQAAAAJ&hl=en>)

Paper counts:

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

Attendance: SOMETIMES

name: Eric Bodden

justification: He works in secure software engineering, in particular with the question of how software products can be effectively secured against external attacks before they are delivered. Highly precise and highly efficient techniques of automated static and dynamic code analysis are being used in order to achieve this.] In 2014, Eric Bodden received the Heinz Maier Leibnitz Prize of the German Research Foundation, the highest award for young German scientists.[2] Furthermore, he received the second prize at the German IT Security Award of the Horst GÄürtz Foundation from Neu-Anspach together with his colleagues in 2014 [3] and the first prize in 2016, In 2019, Bodden was appointed ACM Distinguished Scientist.[5] To date, five of his publications have received the ACM Distinguished Paper Award.

H-index=41 <https://scholar.google.com/citations?user=Kr7kPfAAAAJ&hl=en>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	1	0	1	None

Attendance: ALWAYS

name: Tobias Wrigstad

justification: Tobias Wrigstad is an Assistant Professor at the Department of Information Technology at Uppsala University, Sweden. He

received his PhD degree from the Royal Institute of Technology in Sweden in 2006, and went on to be a postdoctoral researcher at Purdue University, and is now at Uppsala University. Tobias Wrigstad has been a very active researcher in areas of programming language design that involve the interplay between types and topics that are not typically included under that heading. In particular, he has contributed substantially to many papers about ownership types, he has worked on a variant of virtual types in connection with the language Tribe, and recently in 'Integrating typed and untyped code in a scripting language', POPL 2010, he helped creating the foundation for a new intermediate form between static and dynamic typing, which is used in the language Thorn. Tobias Wrigstad is also a highly active contributor to the community, having served on more than a dozen program committees including ECOOP, POPL, and OOPSLA, having co-organized many workshops and several student related activities at major conferences, and being a member of several steering committees.

<http://www.it.uu.se/aboutus/priser/2012-Dahl-Nygaard-Prize-Press-Release.pdf>

H-index=20, <https://scholar.google.se/citations?user=Ef05KRQAAAAJ&hl=en>

Paper counts:

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

Attendance: ALWAYS

Where People Publish

Top People Report

Method of selection: Google scholar top authors; removing people who are retired/not active. Filtering out h-index less than 40.

Keyword: label:programming_languages label:software_engineering

name	h-index	gscholar url
james larus	71	https://scholar.google.com/citations?hl=en&user=xWZTGPUAAAAJ
Gregor Kiczales	42	https://scholar.google.com/citations?hl=en&user=0dh4GSYAAAAJ
gul agha	62	https://scholar.google.com/citations?hl=en&user=orHlhhQAAAAJ
Cristina Videira Lopes	54	https://scholar.google.com/citations?hl=en&user=FaY_RgsAAAAJ
michael d ernst	66	https://scholar.google.com/citations?hl=en&user=oQ6AeyEAAAAJ
Mehmet Aksit	36	https://scholar.google.com/citations?hl=en&user=8lwFYbOAAAAJ
Westley Weimer	52	https://scholar.google.com/citations?hl=en&user=Tj-vav8AAAAJ
Oscar Nierstrasz	52	https://scholar.google.com/citations?hl=en&user=Yi00hUYAAAAJ
Christian KÄdstner	65	https://scholar.google.com/citations?hl=en&user=PR-ZnJUAAAAJ
Grigore Rosu	60	https://scholar.google.com/citations?hl=en&user=yxpqbdQAAAAJ
Alessandro Orso	59	https://scholar.google.com/citations?hl=en&user=wCfYkMkAAAAJ
Zhendong Su	52	https://scholar.google.com/citations?hl=en&user=RivxoIcAAAAJ
Wolfram Schulte	54	https://scholar.google.com/citations?hl=en&user=hQOpWucAAAAJ
Ranjit Jhala	45	https://scholar.google.com/citations?hl=en&user=H3wb878AAAAJ
James Noble	50	https://scholar.google.com/citations?hl=en&user=SSUL-D8AAAAJ
frank tip	47	https://scholar.google.com/citations?hl=en&user=siQDY4gAAAAJ
mira mezini	54	https://scholar.google.com/citations?hl=en&user=ESQUnJEAAAAJ
Jeffrey S. Foster	42	https://scholar.google.com/citations?hl=en&user=QWPwfsgAAAAJ
Jens Palsberg	45	https://scholar.google.com/citations?hl=en&user=Gx8Rpr4AAAAJ
Atanas Rountev	42	https://scholar.google.com/citations?hl=en&user=Y9Jw41cAAAAJ
jan vitek	52	
jan vitek	52	

Reference item: \ 7. European Conference on Object-Oriented Programming (ECOOP)

Core Rank: A

 This conference was published at 17 times by 6 of 19 individuals in the last 5 years.

The individuals that publish at this conference are: Yannis Smaragdakis(4), Jan Vitek(3), Mira Mezini(4), James Noble 0001(3), Frank Tip(2), Gul A. Agha(1)

In 2016, there were 3 publications by 2 individuals: Frank Tip, James Noble 0001

In 2017, there were 2 publications by 2 individuals: Mira Mezini, Jan Vitek

In 2018, there were 6 publications by 4 individuals: Mira Mezini, Jan Vitek, Gul A. Agha, Yannis Smaragdakis

In 2019, there were 4 publications by 4 individuals: Mira Mezini, James Noble 0001, Jan Vitek, Yannis Smaragdakis

In 2020, there were 2 publications by 2 individuals: Frank Tip, Yannis Smaragdakis

6 out of the 19 individuals published at this conference in 1 or more years

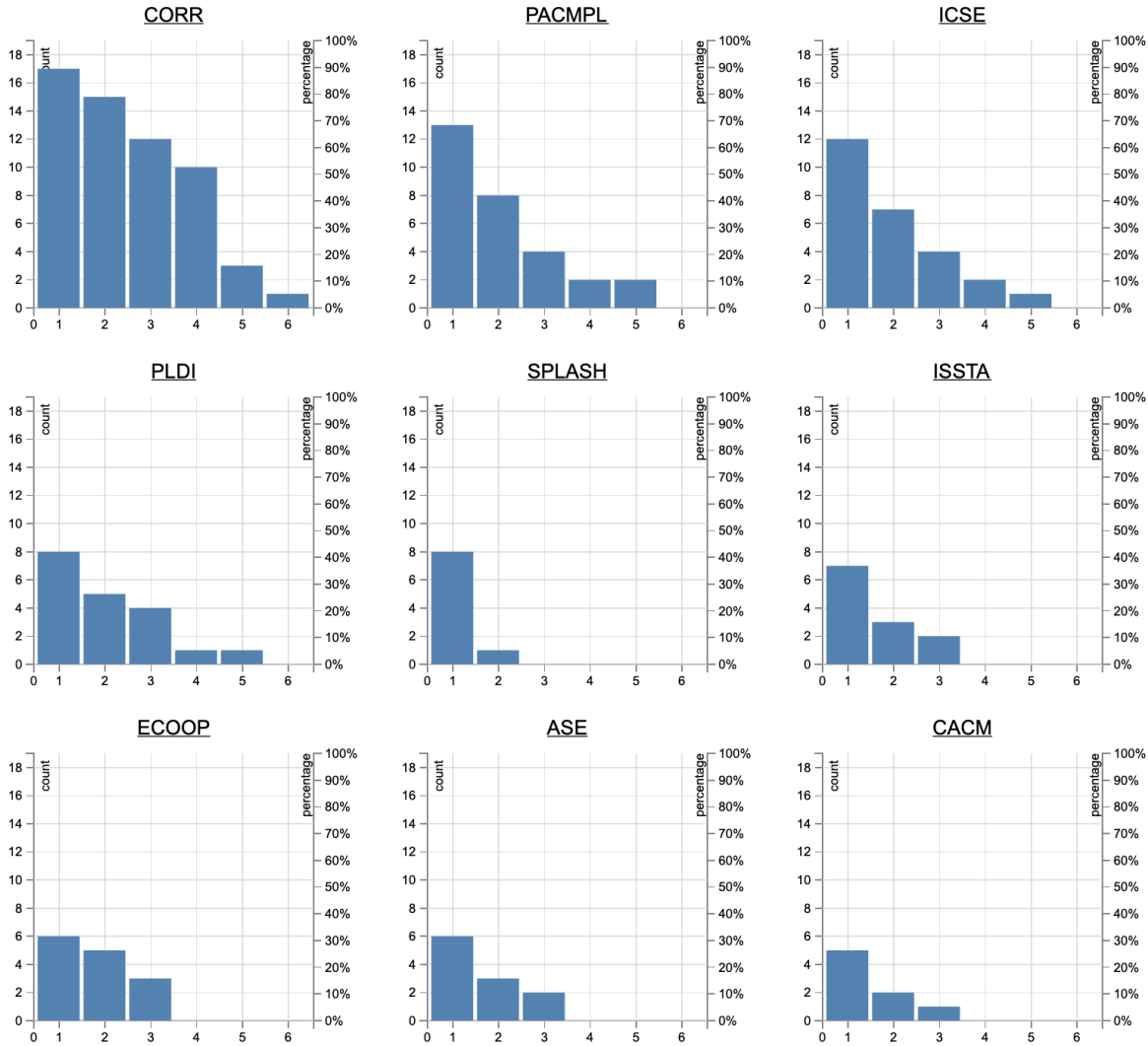
5 out of the 19 individuals published at this conference in 2 or more years

3 out of the 19 individuals published at this conference in 3 or more years WPP Report:

http://portal.core.edu.au/core/media/conf_rank_report/extra_info1868_top_people_report.pdf

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/extra_info1868_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

Other Relevant Info

Other relevant information: The data provided to us was wrong in significant ways. Please find quotes from the report, and our responses.

QUOTE: "The average PC h-index is around 14."

ANSWER: Incorrect, the average PC h-index computed by taking the average of the Google Scholar entries of all *PC* members listed on the conference websites are as follows (see more details in the attached pdf file):

2019: Avg H-index == 23 2018: Avg H-index == 24 2017: Avg H-index == 30

QUOTE: "This conference was published at 12 times by 4 of 6 experts in the last 5 years."

ANSWER: See part (C). **This conference was published at 17 times by 6 of 19 individuals in the last 5 years.**

Attachments

http://portal.core.edu.au/core/media/request_attachment/ECOOP17-18-19_PC_H-idexes.pdf

Proposers

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