



**Submission Data for 2020-2021 CORE conference Ranking process
Software Product Lines Conference**

Mathieu Acher, David Benavides

Conference Details

Conference

Title: Software Product Lines Conference
Acronym : SPLC

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/splc/index.html>

For Codes

For1: 4612
For2: 4601
For3: 4602

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://dl.acm.org/doi/proceedings/10.1145/3382025>

Further details: Proceedings are published through ACM. There are usually two proceedings: * Volume A that includes full main track papers, keynotes abstracts, and tutorials abstracts * Volume B that contains papers from the different workshops

Most Recent Years

Most Recent Year

Year: 2019
URL: <http://kishi-lab.sakura.ne.jp/splc2019/>
Location: Paris
Papers submitted: 55
Papers published: 20
Acceptance rate: 36
Source for numbers: <https://dl.acm.org/doi/proceedings/10.1145/3336294>

General Chairs

Name: Camille Salinesi
Affiliation: University Paris 1 Panthéon-Sorbonne, France
Gender: M
H Index: 33
G Scholar url: <https://scholar.google.fr/citations?user=AAMCoS4AAAAJ&hl=fr>
DBLP url: <https://dblp.org/pid/21/1955.html>

Program Chairs

Name: Laurence Duchien
Affiliation: University Lille, France
Gender: F
H Index: 33
G Scholar url: <https://scholar.google.fr/citations?user=wwofzdYAAAAJ&hl=fr&oi=ao>
DBLP url: <https://dblp.org/pid/d/LaurenceDuchien.html>

Name: Thomas Thüm
Affiliation: University of Ulm, Germany
Gender: M
H Index: 32
G Scholar url: <https://scholar.google.com/citations?user=w0SEFVAAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/04/7056.html>

Second Most Recent Year

Year: 2018
URL: <http://kishi-lab.sakura.ne.jp/splc2018/>
Location: Gothenburg, Sweden
Papers submitted: 58
Papers published: 24
Acceptance rate: 41
Source for numbers: <https://dl.acm.org/doi/proceedings/10.1145/3233027>

General Chairs

Name: Jan Bosch
Affiliation: Chalmers University of Technology, Sweden
Gender: M
H Index: 63
G Scholar url: <https://scholar.google.se/citations?user=W6oSWIAAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/60/6845.html>

Name: Dan Hao
Affiliation: Peking University, China
Gender: F
H Index: 28
G Scholar url: <https://scholar.google.com/citations?user=34W2ZrMAAAAAJ&hl=fr>
DBLP url: <https://dblp.org/pid/50/456.html>

Program Chairs

Name: Thorsten Berger
Affiliation: Chalmers, University of Gothenburg, Sweden
Gender: M
H Index: 29
G Scholar url: <https://scholar.google.de/citations?user=2-YjsDsAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/22/6472.html>

Name: Paulo Borba
Affiliation: Federal University of Pernambuco, Brazil
Gender: M
H Index: 34
G Scholar url: <https://scholar.google.com/citations?user=PpRDLgcAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/b/PauloBorba.html>

Third Most Recent Year

Year: 2017
URL: <https://congreso.us.es/splc2017/>
Location: Sevilla, Spain
Papers submitted: 61
Papers published: 25
Acceptance rate: 41
Source for numbers: <https://dl.acm.org/doi/proceedings/10.1145/3106195>

General Chairs

Name: Antonio Ruiz Cortés Affiliation: University of Sevilla, Spain Gender: M H Index: 45 G Scholar url: https://scholar.google.com/citations?user=Ka-FHBQAAAAJ&hl=en DBLP url: https://dblp.org/pid/c/AntonioRuizCortes.html
Name: David Benavides Affiliation: University of Sevilla, Spain Gender: M H Index: 33 G Scholar url: https://scholar.google.es/citations?user=2gPJKDIAAAAJ&hl=en DBLP url: https://dblp.org/pid/b/DBenavides.html

Program Chairs

Name: Myra Cohen Affiliation: Iowa State University, USA Gender: F H Index: 38 G Scholar url: https://scholar.google.co.nz/citations?user=i_XdxLcAAAAJ&hl=en DBLP url: https://dblp.org/pid/79/5975.html
Name: Mathieu Acher Affiliation: University of Rennes 1, France Gender: M H Index: 25 G Scholar url: https://scholar.google.com/citations?user=cC6xt1YAAAAJ&hl=fr DBLP url: https://dblp.org/pid/57/2898.html

Policies

Chair Selection: At least one of the chairs (per role) should be a regular attendee of SPLC to ensure that it is "known" how the conference is typically run. For roles with two chairs, having one experienced chair and one "newcomer" is encouraged. Chairs should not be too closely related to avoid overlapping conflicts. In general, the resulting populations of chairs are diverse with respect to gender, home institutions, geography, and research expertise. It is heavily based on ICSE diversity and inclusion plan <https://conf.researchr.org/attending/icse-2020/Diversity+and+Inclusion+Plan#ieee-computer-society-open-conference-statement>

Since 2017, the rules have been followed with two PC research co-chairs: one female/male, one experienced and one new comer, and coming from different geographic zones (USA, Europe, China, Brazil, etc.) – see details of the application.

Policy name: Diversity and Inclusion Plan

Policy url: <https://conf.researchr.org/attending/icse-2020/Diversity+and+Inclusion+Plan>

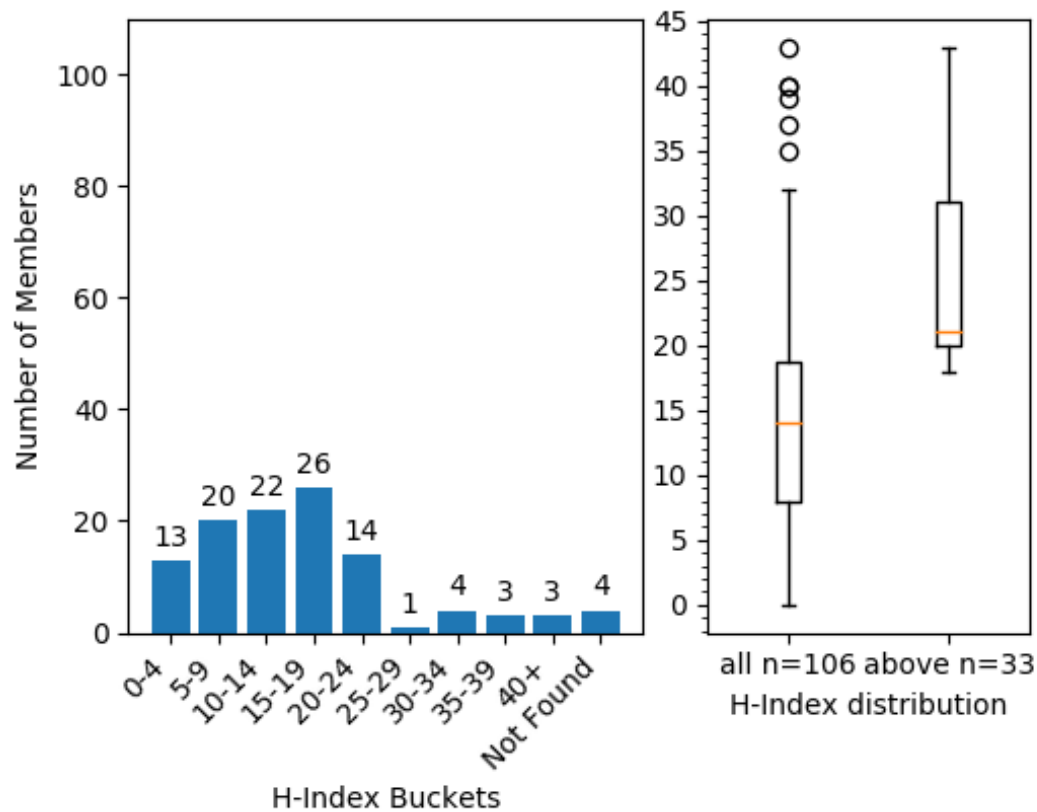
(Senior) Program Committee

Link to (s)pc: <https://splc2020.net/program-committees/>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/SPLC_2020_committees_formatted_1.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1186.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: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/addrank1186_gscholar_minh5.png

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

h5-index for this conference: 22

ACM Metrics

Is an ACM sponsored conference: True

Providing ACM Stats: True

ACM Statistics

Downloads in last 12 months: 17709

Average citations per article: 6

Average downloads per article: 149

ACM Most frequently publishing

Name: Klaus Schmid Paper Count: 19 Google Scholar h-index: 31 Gscholar url: https://scholar.google.com/citations?user=dK9g6a4AAAAJ&hl=en
Name: Jacob KrÄijger Paper Count: 19 Google Scholar h-index: 14 Gscholar url: https://scholar.google.de/citations?user=kNvGUNsAAAAJ&hl=de
Name: Thomas ThuÄnm Paper Count: 18 Google Scholar h-index: 32 Gscholar url: https://scholar.google.com/citations?user=w0SEFVAAAAAJ&hl=en
Name: Mathieu Acher Paper Count: 17 Google Scholar h-index: 25 Gscholar url: https://scholar.google.fr/citations?user=cC6xt1YAAAAJ&hl=fr&oi=ao
Name: David Benavides Paper Count: 15 Google Scholar h-index: 33 Gscholar url: https://scholar.google.es/citations?user=2gPJKDIAAAAAJ&hl=en
Name: Gunter Saake Paper Count: 14 Google Scholar h-index: 53 Gscholar url: https://scholar.google.com/citations?user=Tggnh5oAAAAJ&hl=fr
Name: Ina Schaefer Paper Count: 14 Google Scholar h-index: 39 Gscholar url: https://scholar.google.com/citations?user=odzaci8AAAAJ&hl=en
Name: Thomas Leich Paper Count: 14 Google Scholar h-index: 24 Gscholar url: https://scholar.google.com/citations?user=g8TSrbIAAAAAJ&hl=en
Name: Jabier Martinez Paper Count: 14 Google Scholar h-index: 12 Gscholar url: https://scholar.google.fr/citations?user=i_f7yPoAAAAJ&hl=fr
Name: Christoph Seidl Paper Count: 14 Google Scholar h-index: 15 Gscholar url: https://scholar.google.com/citations?user=QbqbY4kAAAAJ&hl=en

Aminer Rank

Not Listed in Aminer

Other Rankings

URL: <http://www.conferenceranks.com/index.html#data>

Description: SPLC is listed in Qualis as A2 (i.e., the second-best possible ranking on a 7-part scale).

Rank: 2

URL: <https://academic.microsoft.com/topic/115903868/conferences?pi=1>

Description: Considering Microsoft Academics, i n "software engineering", the rank by saliency per family of SPLC is 9 beyond conferences like CAISE, MODELS, CSMR, WCRE, FM,

Rank: 9

Conferences in area: International Conference on Software Engineering (ICSE) International Conference on Foundations of Software Engineering (FSE) International Conference on Automated Software Engineering (ASE) International Conference on Generative Programming: Concepts & Experiences (GPCE) International Conference on Software and Systems Reuse (ICSR) International Working Conference on Variability Modelling of Software-Intensive Systems (VaMoS)

Top People Publishing Here

name: Krzysztof Czarnecki

justification: H-index: 67 26K+ citations according to Google scholar rank 1 in software product lines numerous awards Professor at U. Waterloo

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	1	5

Attendance: SOMETIMES

name: Don Batory

justification: H-index: 63 17K+ citations according to Google scholar numerous awards top 10 in software product lines Professor at University of Texas at Austin

Paper counts:

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

Attendance: OFTEN

name: Gunter Saake

justification: H-index: 57 top 10 in software product lines Professor of Computer Science, Magdeburg University

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	6	4	2	0

Attendance: SOMETIMES

name: Klaus Schmid

justification: H-index: 31 Professor at University of Hildesheim rank 16 in software product lines

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
7	7	2	2	1

Attendance: ALWAYS

name: David Benavides

justification: H-index: 33 Professor, University of Sevilla rank 15 in software product lines numerous awards

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
7	2	2	2	1

Attendance: ALWAYS

name: Jean-Marc JÃlÃlquel

justification: H-index: 58 Professor at University of Rennes 1 Silver director IRISA director Informatics Europe awarded the CNRS Silver Medal. awarded the MODELS 2020 Career Award.

Paper counts:

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

Attendance: OCCASIONALLY

name: Antonio Ruiz CortÃs

justification: H-index: 45 Professor of Software and Service Engineering at the University of Sevilla President of the Spanish Society on Software Engineering (SISTEDES).

Paper counts:

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

Attendance: OCCASIONALLY

name: Sven Apel

justification: H-index: 61 Professor of Computer Science, Saarland University numerous awards steering committee members of top software engineering venues

Paper counts:

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

Attendance: OCCASIONALLY

name: Myra B. Cohen

justification: H-index: 38 Professor at Iowa State University numerous awards at software engineering venues steering committees of top software engineering venues

Paper counts:

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

Attendance: OFTEN

name: Stefania Gnesi

justification: director of research at CNR-ISTI since 2001, and head of the Formal Methods and Tools group editorial Board of the International Journal on Software Tools for Technology Transfer H-index: 42

Paper counts:

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

Attendance: OFTEN

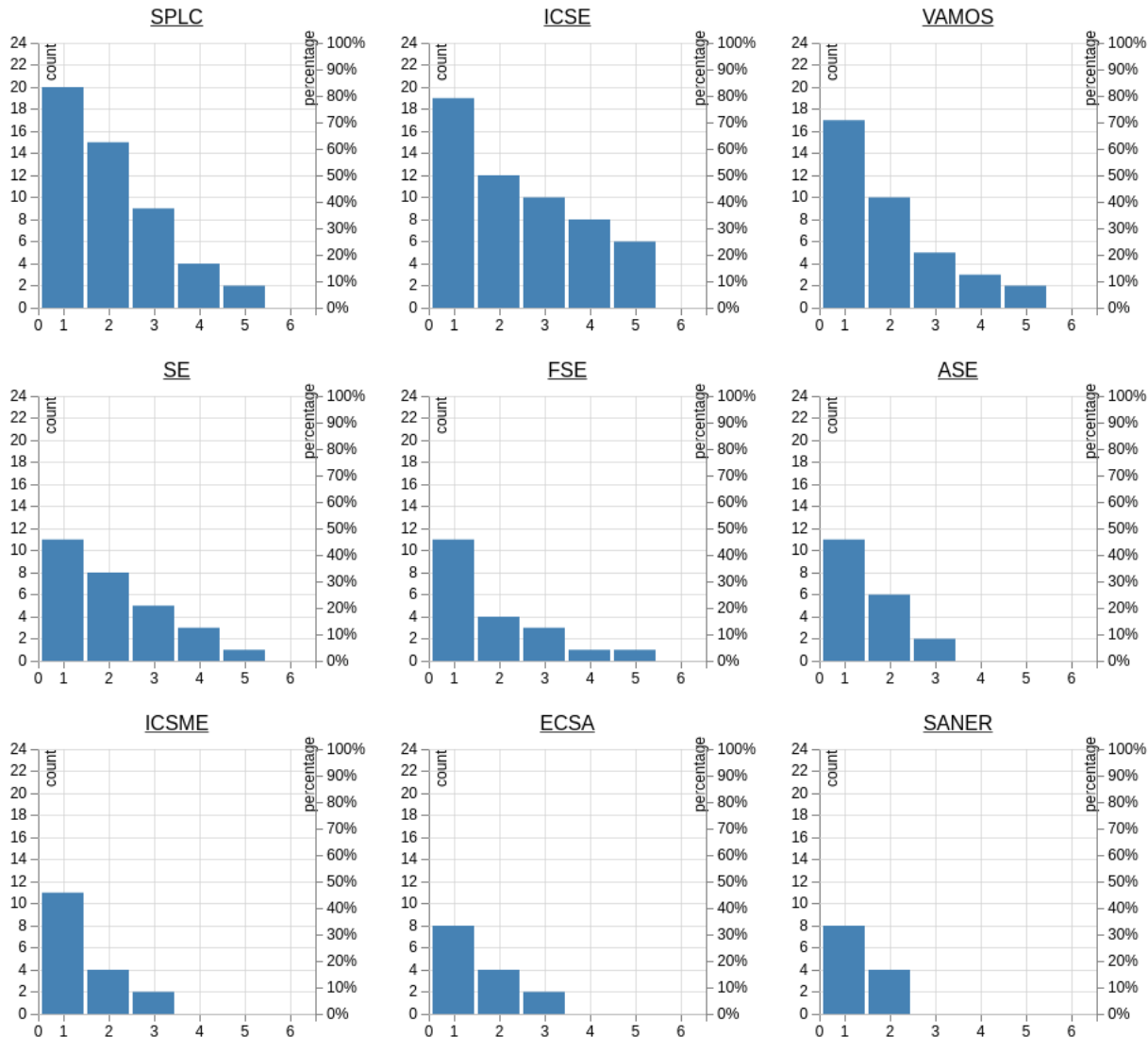
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/addrank1186_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/addrank1186_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1186_spc_graph.png



Reference item: \\ 1. Software Product Lines Conference (SPLC)

This conference was published at 95 times by 20 of 24 experts in the last 5 years.

The experts that publish at this conference are: Marianne Huchard(1), Ina Schaefer(12), Rick Rabiser(10), Axel Legay(3), Jean-Marc Jzquel(2), Lidia Fuentes(6), Don S. Batory(8), Paul Grnbacher(3), David Benavides(9), Laurence Duchien(1), Goetz Botterweck(3), Thorsten Berger(9), Camille Salinesi(5), Danny Weyns(2), Thomas Thm(13), Rafael Capilla(1), Paulo Borba(4), Christian Kstner(1), Klaus Schmid(20), Jane Cleland-Huang(1)

In 2015, there were 14 publications by 9 experts: Camille Salinesi, Thorsten Berger, Paulo Borba, Rick Rabiser, Axel Legay, Ina Schaefer, Don S. Batory, Paul Grnbacher, Klaus Schmid

In 2016, there were 14 publications by 11 experts: Paulo Borba, Ina Schaefer, Axel Legay, Jean-Marc Jzquel, Paul Grnbacher, David Benavides, Thorsten Berger, Thomas Thm, Christian Kstner, Klaus Schmid, Laurence Duchien

In 2017, there were 14 publications by 9 experts: Paulo Borba, Ina Schaefer, Lidia Fuentes, Thomas Thm, Thorsten Berger, Don S. Batory, Rafael Capilla, Klaus Schmid, Jane Cleland-Huang

In 2018, there were 16 publications by 8 experts: Ina Schaefer, Rick Rabiser, Thomas Thm, Lidia Fuentes, Goetz Botterweck, David Benavides, Klaus Schmid, Danny Weyns

In 2019, there were 37 publications by 13 experts: Marianne Huchard, Ina Schaefer, Rick Rabiser, Jean-Marc Jzquel, Lidia Fuentes, Don S. Batory, Goetz Botterweck, David Benavides, Thorsten Berger, Camille Salinesi, Danny Weyns, Thomas Thm, Klaus Schmid

20 out of the 24 experts published at this conference in 1 or more years

15 out of the 24 experts published at this conference in 2 or more years
 9 out of the 24 experts published at this conference in 3 or more years
 4 out of the 24 experts published at this conference in 4 or more years
 2 out of the 24 experts published at this conference in 5 or more years

Top People Report

Method of selection: Using Google scholar, looking at top people that enter in the category "software product lines" OR "software engineering". Most of the experts that are part of SPLC have "software product lines" keyword in their bio, but some simply use "software engineering"

Keyword: software product lines, software engineering

name	h-index	gscholar url
Krzysztof Czarnecki	67	https://scholar.google.fr/citations?hl=fr&user=ZzCpumQAAAAJ
Don Batory	63	https://scholar.google.fr/citations?hl=fr&user=jUzA3H8AAAAJ
Tim Menzies	59	https://scholar.google.fr/citations?hl=fr&user=7htTUTgmLtUC
Sven Apel	61	https://scholar.google.fr/citations?hl=fr&user=_4ssMloAAAAJ
Jean-Marc Jézoulet	58	https://scholar.google.fr/citations?hl=fr&user=DZ5_Gw4AAAAJ
Gunter Saake	53	https://scholar.google.fr/citations?hl=fr&user=Tggnh5oAAAAJ
Antonio Ruiz Cortáes	45	https://scholar.google.fr/citations?hl=fr&user=DZ5_Gw4AAAAJ
Patrick Heymans	47	https://scholar.google.fr/citations?hl=fr&user=Gr1rdc8AAAAJ
Bram Adams	51	https://scholar.google.com/citations?user=XS9QH_UAAAAJ&hl=en
Klaus Pohl	53	https://scholar.google.com/citations?hl=en&user=LONCDwsAAAAJ
Jane Cleland-Huang	49	https://scholar.google.com/citations?hl=en&user=IQ5XCgYAAAAJ
Christian Kästner	62	https://scholar.google.com/citations?hl=en&user=PR-ZnJUAAAAJ
Axel Legay	45	https://scholar.google.com/citations?hl=en&user=6sGLpJIAAAAAJ
Jan Bosch	63	https://scholar.google.com/citations?hl=en&user=W6oSWIAAAAAJ
Hongyu Zhang	38	https://scholar.google.fr/citations?hl=fr&user=zsUN6PkAAAAJ
Myra Cohen	38	https://scholar.google.com/citations?hl=en&user=i_XdxLcAAAAJ
Dany Weyns	45	https://scholar.google.com/citations?hl=en&user=MG8iJPAAAAAJ
Ina Schaefer	39	https://scholar.google.com/citations?hl=en&user=odzaci8AAAAJ
David Benavides	33	https://scholar.google.es/citations?user=2gPKDIAAAAAJ&hl=en
Camille Salinesi	33	https://scholar.google.fr/citations?user=AAMCoS4AAAAJ&hl=fr

Reference item: \ 2. Software Product Lines Conference (SPLC)

 This conference was published at 67 times by 15 of 19 experts in the last 5 years.

The experts that publish at this conference are: Ina Schaefer(12), Sven Apel(2), Axel Legay(3), Jean-Marc Jézoulet(2), Don S. Batory(8), Myra B. Cohen(1), David Benavides(9), Jane Cleland-Huang(1), Gunter Saake(14), Camille Salinesi(5), Danny Weyns(2), Paul Grnbacher(3), Christian Kästner(1), Patrick Heymans(1), Krzysztof Czarnecki(6)

In 2015, there were 13 publications by 7 experts: Ina Schaefer, Camille Salinesi, Axel Legay, Krzysztof Czarnecki, Don S. Batory, Paul Grnbacher, Patrick Heymans

In 2016, there were 9 publications by 9 experts: Ina Schaefer, Gunter Saake, Sven Apel, Axel Legay, Jean-Marc Jézoulet, Krzysztof Czarnecki, Paul Grnbacher, Christian Kästner, David Benavides

In 2017, there were 10 publications by 4 experts: Don S. Batory, Ina Schaefer, Gunter Saake, Jane Cleland-Huang

In 2018, there were 10 publications by 4 experts: Ina Schaefer, Gunter Saake, David Benavides, Danny Weyns

In 2019, there were 25 publications by 9 experts: Ina Schaefer, Gunter Saake, Camille Salinesi, Jean-Marc Jézoulet, Don S. Batory, Myra B. Cohen, Sven Apel, David Benavides, Danny Weyns

15 out of the 19 experts published at this conference in 1 or more years

11 out of the 19 experts published at this conference in 2 or more years

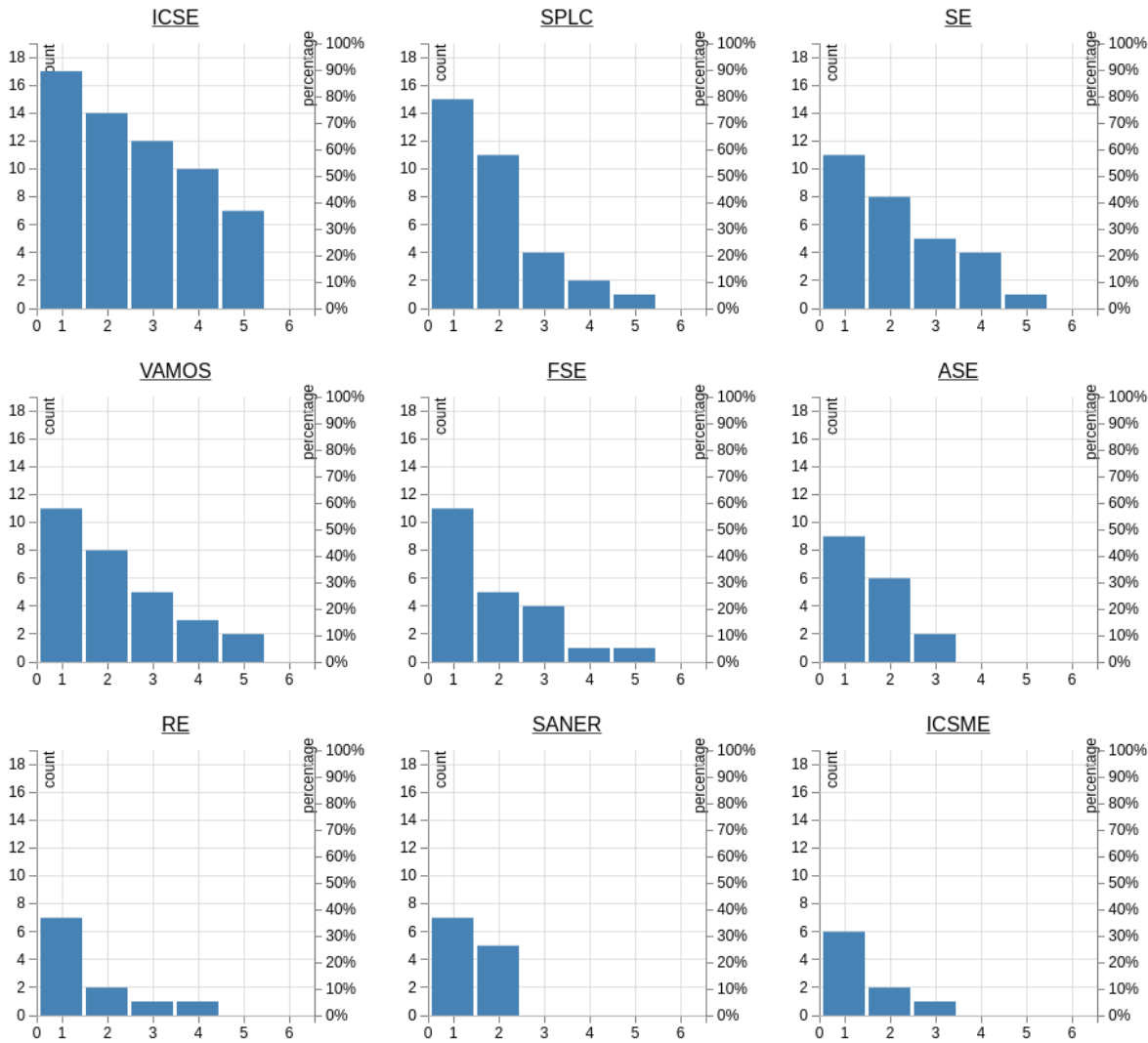
4 out of the 19 experts published at this conference in 3 or more years

2 out of the 19 experts published at this conference in 4 or more years

1 out of the 19 experts published at this conference in 5 or more years WPP Report:

http://portal.core.edu.au/core/media/conf_rank_report/addrank1186_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1186_top_people_graph.png



Other Information

Comparator Comparison

Comparator

European Conference on Software Architecture

Explanation as to why conference is superior to comparator:

h5 index of ECSA is 17 whereas h5 of SPLC is 22

SPLC attracts top people that publish in all top software engineering venues like ICSE, ASE, FSE. It is not the case for ECSA that appears to be essentially centered around its core specialized topic. Overall SPLC is a "better" tradeoff between a specialized venue and top tier, general SE conferences

Note that ECSA has been co-located with SPLC in 2019

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1186_821.pdf

Comparator

International Conference on Model Driven Engineering Languages and Systems (Previously UML, changed in 2005)

Explanation as to why conference is superior to comparator:

h5 index of MODELS is 21 whereas h5 of SPLC is 22

SPLC attracts top people that publish in all top software engineering venues like ICSE, ASE, FSE. It is not the case for MODELS that appears to be essentially centered around its core specialized topic. Overall SPLC offers a "better" balance between a specialized venue and top tier, general SE conferences

Note that MODELS has been co-located with SPLC in 2020

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1186_947.pdf

Comparator

ACM Symposium on Software Reusability

Explanation as to why conference is superior to comparator:

to the best of our knowledge, Symposium on Software Reusability is no longer active despite being ranked A.

Reusability is a key topic of SPLC. ICSR is another venue about software reuse, but is ranked B. Nowadays, SPLC is the preferred venue when the topic of reuse is addressed

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1186_970.pdf

Other Relvant Info

Other relevant information: We have written a short guide about ranking of SPLC: <https://splc.net/ranking/>

Attachments

N/A

Proposers

First name: Mathieu

Last name: Acher

Affiliation: University of Rennes 1, France

Email: mathieu.acher@irisa.fr

First name: David

Last name: Benavides

Affiliation: University of Sevilla, Spain

Email: benavides@us.es

Submitted By

Name: Acher Mathieu

Email: mathieu.acher@gmail.com