



**Submission Data for 2020-2021 CORE conference Ranking process  
International Symposium on Software Reliability Engineering**

Marco Vieira, Bojan Cukic, Domenico Cotroneo, Karama Kanoun, Mladen Vouk

**Conference Details**

**Conference**

Title: International Symposium on Software Reliability Engineering  
Acronym : ISSRE  
Rank: A

**Requested Rank**

Rank: A

**Recent Years**

**Proceedings Publishing Style**

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://ieeexplore.ieee.org/xpl/conhome/8967509/proceeding>

Further details: Proceedings are published by IEEE.

Proceedings include two volumes: the main volume (ISSRE) includes only the regular research papers; the supplemental volume (ISSREW) includes the workshop papers, fast abstracts, industry track papers, and doctoral symposium papers. There is thus a clear separation between the two classes of papers.

**Most Recent Years**

**Most Recent Year**

Year: 2019

URL: <https://2019.issre.net/>

Location: Berlin, Germany

Papers submitted: 134

Papers published: 42

Acceptance rate: 31

Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8987442>

**General Chairs**

Name: Katinka Wolter Affiliation: Free University Berlin, Germany Gender: F H Index: 25 GScholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=JqtocLYAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=JqtocLYAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/10/5050.html">https://dblp.org/pid/10/5050.html</a>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Name: Ina Schieferdecker Affiliation: Fraunhofer FOKUS, Germany Gender: F H Index: 27 GScholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=-WDSzfEAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=-WDSzfEAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/s/InaSchieferdecker.html">https://dblp.org/pid/s/InaSchieferdecker.html</a>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Program Chairs**

Name: Barbara Gallina Affiliation: MÅdlardalen University, Sweden Gender: F H Index: 15 GScholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=hkqid-wAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=hkqid-wAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/34/3823.html">https://dblp.org/pid/34/3823.html</a>
Name: Michel Cukier Affiliation: University of Maryland, USA Gender: M H Index: 26 GScholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=b4zPppsAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=b4zPppsAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/c/MichelCukier.html">https://dblp.org/pid/c/MichelCukier.html</a>

### Second Most Recent Year

Year: 2018  
URL: <http://2018.issre.net/>  
Location: Memphis, USA  
Papers submitted: 96  
Papers published: 23  
Acceptance rate: 24  
Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8539058>

### General Chairs

Name: Bojan Cukic Affiliation: University of North Carolina at Charlotte, USA Gender: M H Index: 37 GScholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=B7N812UAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=B7N812UAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/07/1027.html">https://dblp.org/pid/07/1027.html</a>
Name: Robin Poston Affiliation: University of Memphis, USA Gender: F H Index: GScholar url: DBLP url: <a href="https://dblp.uni-trier.de/pid/34/3155.html">https://dblp.uni-trier.de/pid/34/3155.html</a>

### Program Chairs

Name: Sudipto Ghosh Affiliation: Colorado State University, USA Gender: M H Index: 33 GScholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=I5zd7t0AAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=I5zd7t0AAAAJ</a> DBLP url: <a href="https://dblp.org/pid/g/SudiptoGhosh.html">https://dblp.org/pid/g/SudiptoGhosh.html</a>
Name: Roberto Natella Affiliation: Universit� degli Studi di Napoli Federico II, Italy Gender: M H Index: 24 GScholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=odmRBNgAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=odmRBNgAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/63/8166.html">https://dblp.org/pid/63/8166.html</a>

### Third Most Recent Year

Year: 2017  
URL: <http://2017.issre.net>  
Location: Toulouse, France  
Papers submitted: 109  
Papers published: 34  
Acceptance rate: 31  
Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8109063>

### General Chairs

Name: H���ne Waeselynck Affiliation: LAAS-CNRS, France Gender: F H Index: 20 GScholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=ikXmutwAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=ikXmutwAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/37/723.html">https://dblp.org/pid/37/723.html</a>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Program Chairs

Name: Karthik Pattabiraman Affiliation: University of British Columbia, Canada Gender: M H Index: 36 G Scholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=p_V9YWgAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=p_V9YWgAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/91/5344.html">https://dblp.org/pid/91/5344.html</a>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Name: Ilir Gashi Affiliation: City University of London, UK Gender: M H Index: 14 G Scholar url: <a href="https://scholar.google.pt/citations?hl=en&amp;user=o4VyaRkAAAAJ">https://scholar.google.pt/citations?hl=en&amp;user=o4VyaRkAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/71/6662.html">https://dblp.org/pid/71/6662.html</a>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Policies

Chair Selection: The Steering Committee maintains the list of frequent contributors with exemplary scholarly record. The individuals are identified through the academic metrics and the commitment to publishing and participating in ISSRE.

From this group, emerging leaders are typically involved in ISSRE organization for a number of years before becoming Chairs. The positions on the path to General and Program Chair typically start by leading fast abstracts or doctoral symposium tracks, tutorials, workshops or new faculty program. From there, we use Program Manager's as the "improving grounds" for gathering experiences necessary for understanding the complexity of conference organization.

Criteria: - Strong continuing record of publication in ISSRE - Mid-career or senior professional standing - Recognized academic accomplishments - Organizational acumen - Collegiality, responsibility, professionalism - Commitment to diversity

Policies are under development and have not been posted on the conference Web site.

Diversity aspects are always taken into account, in particular with respect to gender issues and diversity of countries in charge of conference organization. For example, there are three females in the SC. Whenever possible, we favor female contribution to the organizing team as GC, PC chairs and all other positions. Also in the composition of the PC, takes gender into account.

Even though the topics of the conference do not directly deal with ethics and integrity, potential issues of this nature are identified and dealt with during the paper review process following international best practices.

No Policies.

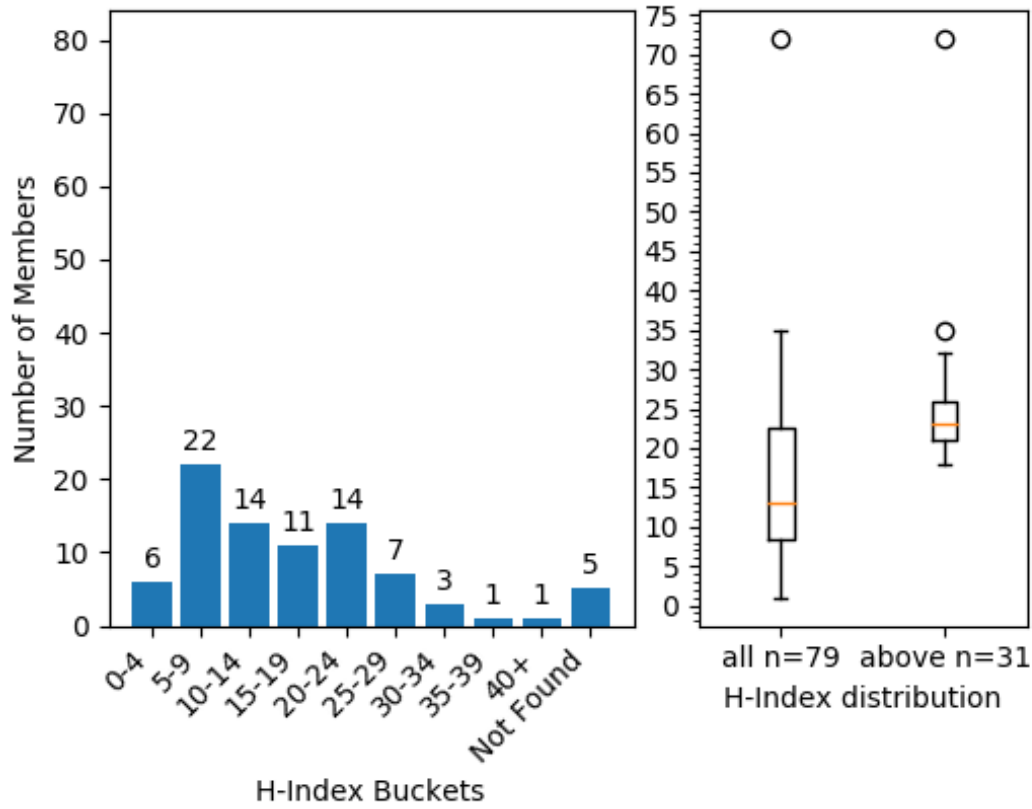
## (Senior) Program Committee

Link to (s)pc: <https://2019.issre.net/node/56>

File: [http://portal.core.edu.au/core/media/conf\\_submissions\\_spc\\_file/pc\\_9LzyKwY.txt](http://portal.core.edu.au/core/media/conf_submissions_spc_file/pc_9LzyKwY.txt)

H-index plot: [http://portal.core.edu.au/core/media/conf\\_submissions\\_hindex\\_plots/higherrank\\_hindex\\_buckets\\_990.png](http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/higherrank_hindex_buckets_990.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\\_qualityreliability](https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_qualityreliability)

Position in sub-category: 14

Image of top 20: [http://portal.core.edu.au/core/media/changes\\_h5/higherrank990\\_gscholar\\_minh5.png](http://portal.core.edu.au/core/media/changes_h5/higherrank990_gscholar_minh5.png)

	Publication	<u>h5-index</u>	<u>h5-median</u>
1.	Safety Science	67	89
2.	Reliability Engineering & System Safety	66	86
3.	Risk Analysis	43	59
4.	IEEE Transactions on Reliability	39	54
5.	Total Quality Management & Business Excellence	39	48
6.	Structural Safety	34	47
7.	International Journal of Quality & Reliability Management	32	54
8.	Quality and Reliability Engineering International	29	42
9.	The TQM Journal	28	40
10.	Journal of Risk Research	28	37
11.	International Journal of Lean Six Sigma	27	39
12.	Eksploatacja i Niezawodność-Maintenance And Reliability	24	32
13.	International Journal of Systems Assurance Engineering and Management	22	32
14.	International Symposium on Software Reliability Engineering	21	37
15.	Quality Engineering	19	25
16.	Journal of Quality in Maintenance Engineering	18	30
17.	International Journal for Quality Research	18	29
18.	International Conference on Computer Safety, Reliability, and Security	17	26
19.	Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability	17	22
20.	Journal of Quality Technology	16	31

h5-index for this conference: 21

### ACM Metrics

Not Sponsored by ACM

### Aminer Rank

Aminer rank: 18

Aminer name: International Symposium on Software Reliability Engineering

Acronym / shortname: ISSRE

h-5 index: 21

CCF level: B

THU level: B

Top Aminer Cites: [http://portal.core.edu.au/core/media/conf\\_submissions\\_citations/higherrank990\\_aminer\\_top\\_cite.pdf](http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank990_aminer_top_cite.pdf)

### Other Rankings

URL: [https://www.gov.br/capes/pt-br/centrais-de-conteudo/Qualis\\_conferencia\\_ccomp.pdf/@download/file/Qualis\\_conferencia\\_ccomp.pdf](https://www.gov.br/capes/pt-br/centrais-de-conteudo/Qualis_conferencia_ccomp.pdf/@download/file/Qualis_conferencia_ccomp.pdf)

Description: The QUALIS Conference Ranking is sponsored by CAPES (Brazilian Federal Agency for the Improvement of Higher Education). This conference ranking 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: [https://www.ccf.org.cn/Academic\\_Evaluation/TCSE\\_SS\\_PDL/](https://www.ccf.org.cn/Academic_Evaluation/TCSE_SS_PDL/)

Description: Conference/journal rank maintained by China Computer Federation (CCF).

Rank: B

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

Description: The GII-GRIN-SCIE (GGS) Conference Rating is sponsored by GII (Group of Italian Professors of Computer Engineering), GRIN (Group of Italian Professors of Computer Science), and SCIE (Spanish Computer-Science Society).

Rank: Class 2 (A-)

URL: <https://www.www.www>

Description: .

Rank: .

Conferences in area: ICSE - International Conference on Software Engineering

DSN - IEEE/IFIP International Conference on Dependable Systems and Networks

ISSRE - International Symposium on Software Reliability Engineering

ISSTA - International Symposium on Software Testing and Analysis

ESEM - International Symposium on Empirical Software Engineering and Measurement

SRDS - Symposium on Reliable Distributed Systems

## Top People Publishing Here

name: Michael Lyu

justification: - One of the founders of ISSRE - Published 35 papers in ISSRE, starting in 1991 - His ISSRE papers attracted 1650 citations - Google Scholar H-index: 95 (39, 000 citations) - IEEE Fellow (2004) - AAAS Fellow (2007) - Croucher Senior Research Fellow (2008) - IEEE Reliability Society Engineer of the Year (2010) - ACM Fellow (2015) - China Computer Federation (CCF) Overseas Outstanding Contributions Award (2018) - Choh-Ming Li Professor of Computer Science and Engineering (2020)

Paper counts:

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

Attendance: ALWAYS

name: Kishor Trivedi

justification: - Published 28 papers in ISSRE, starting in 1995 - His ISSRE papers attracted 2050 citations - Google Scholar H-index: 104 (46, 000 citations) - IEEE Life Fellow - Fellow. Japan Society for the Promotion of Science (2014) - NordsecMob Scholar. Norwegian University of Science and Technology (2014) - Doctor Honoris Causa. USMP, Lima, Peru (2012) - Technical Achievement Award. IEEE Computer Society (2008) - Traditional Fulbright Scholarship. Council for International Exchange of Scholars (2002) - Highly Cited Researcher. Thomson Reuters (2001) - Fellow. Institute for Electrical and Electronics Engineers (1992)

Paper counts:

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

Attendance: ALWAYS

name: Lionel Briand

justification: - Published 20 papers in ISSRE, starting in 1992 - His ISSRE papers attracted 952 citations - Google Scholar H-index: 83 (30, 000 citations) - Canada Research Chair (Tier1) (2019) - IEEE Fellow (2010) - IEEE Computer Society Harlan Mills Award (2012) - IEEE Reliability Society, Reliability Engineer of the year (2013)

Paper counts:

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

Attendance: OFTEN

name: Marco Vieira

justification: - Published 13 papers in ISSRE, starting in 2009 - Google Scholar H-index: 31 (4, 500 citations) - Professor, University of Coimbra, Portugal - Very active in European projects, dependability and software engineering conferences - Vice-Chair of the IFIP Working Group 10.4 since 2019 - Associate Editor - Transactions on Dependable and Secure Computing since 2018 - PC Chair, International Symposium on Software Reliability Engineering, ISSRE 2015 - General Chair, International Symposium on Software Reliability Engineering, ISSRE 2020 - PC Chair, IEEE/IFIP Intl. Conference on Dependable and Secure Computing, 2018

Paper counts:

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

Attendance: ALWAYS

name: Domenico Cotroneo

justification: - Published 12 papers in ISSRE, starting in 2010 - Google Scholar H-index: 33 (4, 500 citations) - Professor, University of Naples â Federico II, Italy - Very active in European projects, dependability and software engineering conferences - General Chair, International Symposium on Software Reliability Engineering, ISSRE 2014 - PC Chair, IEEE/IFIP Intl. Symposium on Dependable and Secure Computing, 2016

Paper counts:

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

Attendance: ALWAYS

name: Henrique Madeira

justification: - Published 10 papers in ISSRE, starting in 2002 - Google Scholar H-index: 40 (5, 900 citations) - Professor, University of Coimbra, Portugal - Vice-Chair of the IFIP Working Group 10.4 Special Interest Group (SIG) on Dependability Benchmarking - Very active in European projects, dependability and software engineering conferences

Paper counts:

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

Attendance: ALWAYS

name: Laurie Williams

justification: - Published 15 papers in ISSRE, starting in 2003 - Google Scholar H-index: 67 (17, 300 citations) - ISSRE PC Chair (20 - General Chair, Empirical Software Engineering and Measurement (ESEM), 2009 - Program Chair, International Conference on Software Engineering (ICSE), 2016 - Program Chair, International Symposium on Software Reliability Engineering (ISSRE), 2008 - Distinguished University Professor, North Carolina State University - IEEE Fellow - ACM Distinguished Scientist (2011) - NSF CAREER award winner - ACM SIGSOFT Influential Educator Award (2009)

Paper counts:

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

Attendance: ALWAYS

name: Sarfraz Khurshid

justification: - Published 10 papers in ISSRE, starting in 2008 - Google Scholar H-index: 51 (9, 500 citations) - Professor, University of Texas at Austin - ISSTA Retrospective Impact Paper Award (2018) - ASE Most Influential Paper Award (2015) - ACM SIGSOFT Impact Paper Award (2012) - Three ACM SIGSOFT Distinguished Paper Awards (ISSTA 2002, ICSE 2010, and FSE 2019) - Best Practical Paper Award (IEEE S&P Oakland 2014) - Best Industry Paper Award (ICST 2019) - Facebook Testing and Verification Research Award (2018) - NSF CAREER Award (2009)

Paper counts:

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

Attendance: ALWAYS

name: David Lo

justification: - Published 8 papers in ISSRE, starting in 2012 - Google Scholar H-index: 65 (14, 400 citations) - Associate Professor, Singapore Management University

Paper counts:

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

Attendance: OFTEN

name: Darko Marinov

justification: - Published 7 papers in ISSRE, starting in 2006 - Google Scholar H-index: 47 (9, 600 citations) - Professor, University of Illinois, Urbana - Winning three "test-of-time" awards - two ACM SIGSOFT Impact Paper awards (2012 and 2019) and one ASE Most Influential Paper Award (2015) - and seven more paper awards - six ACM SIGSOFT Distinguished Paper awards and one CHI Best Paper Award (2017)

Paper counts:

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

Attendance: OFTEN

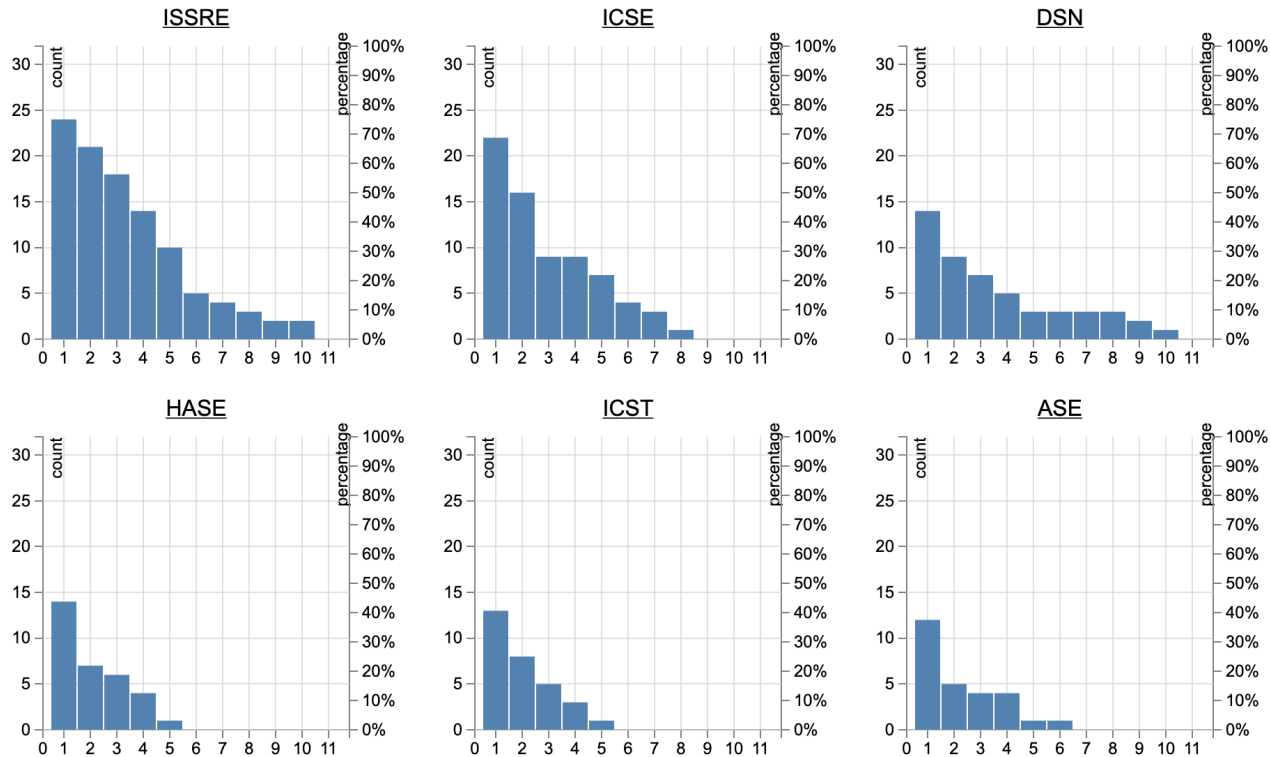
## Where People Publish

### Top (Senior) Program Committee Members

Generated Report Name: conf\_submissions\_top\_spc/higherrank990\_top\_spc.csv

WPP Report: [http://portal.core.edu.au/core/media/conf\\_rank\\_report/higherrank990\\_spc\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/higherrank990_spc_report.txt)

Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/higherrank990\\_spc\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank990_spc_graph.png)



Reference item: \ 1. IEEE International Symposium on Software Reliability Engineering (ISSRE)

-----  
This conference was published at 140 times by 24 of 32 experts in the last 10 years.

The experts that publish at this conference are: Zbigniew T. Kalbarczyk(1), Tadashi Dohi(12), Henrique Madeira(6), Zhenyu Chen 0001(1), Brendan Murphy(4), Martin Monperrus(2), Xin Xia 0001(3), Sudipto Ghosh(2), Karama Kanoun(1), Roberto Natella(19), Mohammad Zulkernine(3), Leonardo Mariani(8), Domenico Cotroneo(28), Artur Andrzejak 0001(9), Katerina Goseva-Popstojanova(4), Yashwant K. Malaiya(2), Andrea Bondavalli(3), Laurie A. Williams(7), Samuel Kounev(3), Yvan Labiche(8), Marco Paulo Amorim Vieira(18), Karthik Pattabiraman(8), Bojan Cukic(5), Michael R. Lyu(9)

In 2010, there were 14 publications by 12 experts: Tadashi Dohi, Henrique Madeira, Roberto Natella, Brendan Murphy, Domenico Cotroneo, Katerina Goseva-Popstojanova, Mohammad Zulkernine, Yvan Labiche, Marco Paulo Amorim Vieira, Karthik Pattabiraman, Bojan Cukic, Michael R. Lyu

In 2011, there were 8 publications by 6 experts: Tadashi Dohi, Mohammad Zulkernine, Karthik Pattabiraman, Roberto Natella, Michael R. Lyu, Domenico Cotroneo

In 2012, there were 14 publications by 12 experts: Laurie A. Williams, Sudipto Ghosh, Tadashi Dohi, Roberto Natella, Leonardo Mariani, Domenico Cotroneo, Katerina Goseva-Popstojanova, Mohammad Zulkernine, Yvan Labiche, Marco Paulo Amorim Vieira, Bojan Cukic, Yashwant K. Malaiya

In 2013, there were 18 publications by 11 experts: Laurie A. Williams, Sudipto Ghosh, Tadashi Dohi, Roberto Natella, Zhenyu Chen 0001, Artur Andrzejak 0001, Domenico Cotroneo, Brendan Murphy, Marco Paulo Amorim Vieira, Bojan Cukic, Andrea Bondavalli

In 2014, there were 23 publications by 13 experts: Laurie A. Williams, Zbigniew T. Kalbarczyk, Samuel Kounev, Henrique Madeira, Roberto Natella, Leonardo Mariani, Domenico Cotroneo, Yvan Labiche, Marco Paulo Amorim Vieira, Karthik Pattabiraman, Bojan Cukic, Andrea Bondavalli, Yashwant K. Malaiya

In 2015, there were 11 publications by 7 experts: Tadashi Dohi, Yvan Labiche, Karthik Pattabiraman, Roberto Natella, Xin Xia 0001, Michael R. Lyu, Domenico Cotroneo

In 2016, there were 15 publications by 12 experts: Henrique Madeira, Samuel Kounev, Karama Kanoun, Tadashi Dohi, Artur Andrzejak 0001, Roberto Natella, Brendan Murphy, Domenico Cotroneo, Leonardo Mariani, Marco Paulo Amorim Vieira, Xin Xia 0001, Michael R. Lyu

In 2017, there were 11 publications by 10 experts: Katerina Goseva-Popstojanova, Yvan Labiche, Marco Paulo Amorim Vieira, Tadashi Dohi, Henrique Madeira, Roberto Natella, Xin Xia 0001, Artur Andrzejak 0001, Domenico Cotroneo, Leonardo Mariani

In 2018, there were 8 publications by 6 experts: Marco Paulo Amorim Vieira, Martin Monperrus, Karthik Pattabiraman, Roberto Natella, Artur Andrzejak 0001, Domenico Cotroneo

In 2019, there were 18 publications by 14 experts: Laurie A. Williams, Samuel Kounev, Martin Monperrus, Henrique Madeira, Roberto Natella, Artur Andrzejak 0001, Domenico Cotroneo, Brendan Murphy, Katerina Goseva-Popstojanova,



24 out of the 32 experts published at this conference in 1 or more years  
 21 out of the 32 experts published at this conference in 2 or more years  
 18 out of the 32 experts published at this conference in 3 or more years  
 14 out of the 32 experts published at this conference in 4 or more years  
 10 out of the 32 experts published at this conference in 5 or more years  
 5 out of the 32 experts published at this conference in 6 or more years  
 4 out of the 32 experts published at this conference in 7 or more years  
 3 out of the 32 experts published at this conference in 8 or more years  
 2 out of the 32 experts published at this conference in 10 or more years

**Top People Report**

Method of selection: The top people names has been taken from google scholar by searching for researchers acting in the software reliability and dependability area. The 20 top researchers with an h-index above 45 were selected.

Keyword: label:software\_reliability OR label:dependability

name	h-index	gscholar url
Kishor Trivedi	104	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=fEVXhhAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=fEVXhhAAAAAJ</a>
Michael R. Lyu	95	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=uQnBgKOAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=uQnBgKOAAAAAJ</a>
Ross Anderson	80	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=WgyDcoUAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=WgyDcoUAAAAAJ</a>
Amit Gupta	74	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=XGmAdb4AAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=XGmAdb4AAAAAJ</a>
Ian Sommerville	60	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=YkBQyNoAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=YkBQyNoAAAAAJ</a>
Min Xie	78	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=PFd6JPcAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=PFd6JPcAAAAAJ</a>
Brian Randell	50	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=5sqk-sYAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=5sqk-sYAAAAAJ</a>
Hermann Kopetz	54	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=_Z7X-mcAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=_Z7X-mcAAAAAJ</a>
Jun-Hong Cui	67	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=QJbvuzEAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=QJbvuzEAAAAAJ</a>
Michael Waidner	62	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=AyRNYLoAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=AyRNYLoAAAAAJ</a>
Lalit Singh	52	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=ElqcFqYAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=ElqcFqYAAAAAJ</a>
Yuanyuan Zhou	63	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=rWlOUOoAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=rWlOUOoAAAAAJ</a>
Pascal Felber	49	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=Rl7te6EAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=Rl7te6EAAAAAJ</a>
Zibin Zheng	54	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=WPCGED4AAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=WPCGED4AAAAAJ</a>
Paulo Esteves-Verissimo	51	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=aMHx8aUAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=aMHx8aUAAAAAJ</a>
Hoang Pham	52	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=PJXcWGAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=PJXcWGAAAAAJ</a>
Aditya Mathur	48	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=DdQMeHoAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=DdQMeHoAAAAAJ</a>
Holger Hermanns	55	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=lWMIECAAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=lWMIECAAAAAAJ</a>
Christof Fetzer	47	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=H7v4UbgAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=H7v4UbgAAAAAJ</a>
Chin-Yu Huang	47	<a href="https://scholar.google.com.au/citations?hl=en&amp;user=ZdsQftgAAAAAJ">https://scholar.google.com.au/citations?hl=en&amp;user=ZdsQftgAAAAAJ</a>

Reference item: \ 9. IEEE International Symposium on Software Reliability Engineering (ISSRE)

-----  
 This conference was published at 38 times by 4 of 19 experts in the last 10 years.

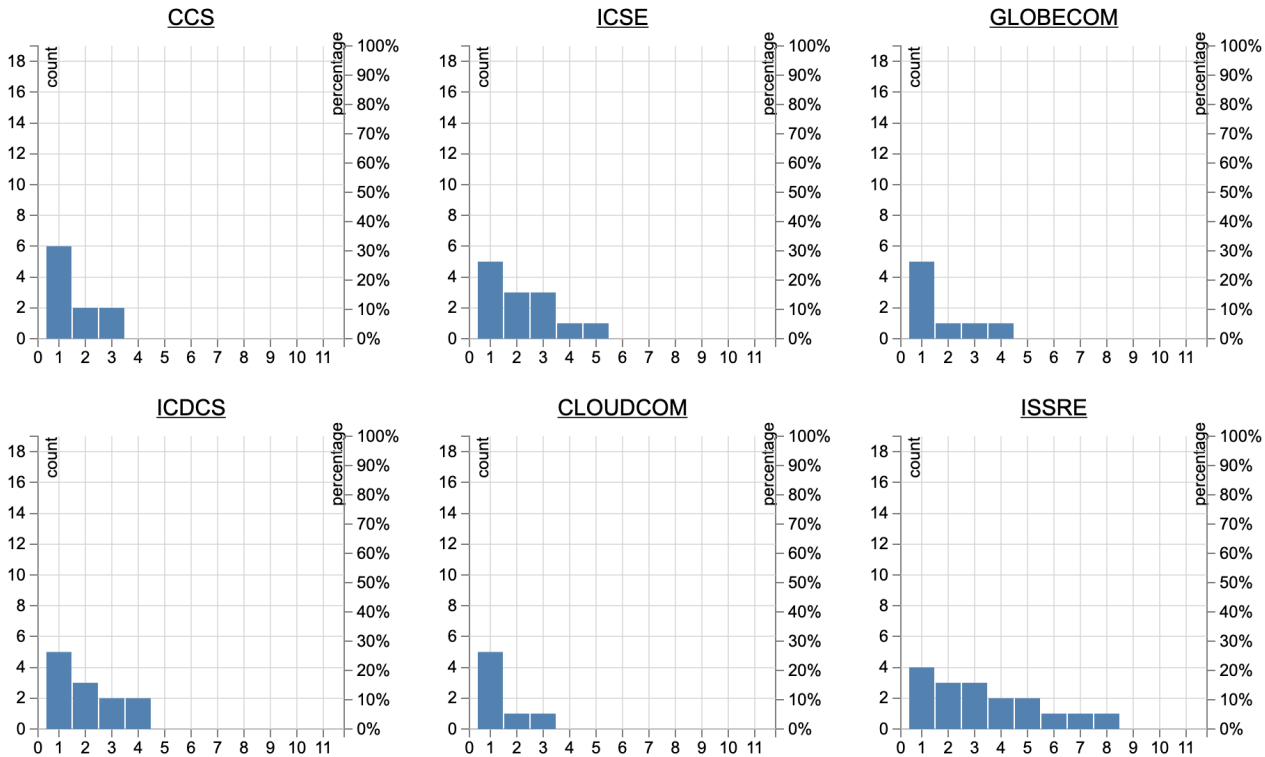
The experts that publish at this conference are: Zibin Zheng(3), Kishor S. Trivedi(27), Lalit Kumar Singh(1), Michael R. Lyu(9)

In 2010, there were 5 publications by 3 experts: Zibin Zheng, Kishor S. Trivedi, Michael R. Lyu  
 In 2011, there were 8 publications by 3 experts: Zibin Zheng, Kishor S. Trivedi, Michael R. Lyu  
 In 2012, there were 3 publications by 2 experts: Kishor S. Trivedi, Lalit Kumar Singh  
 In 2013, there were 4 publications by 1 experts: Kishor S. Trivedi  
 In 2014, there were 4 publications by 2 experts: Kishor S. Trivedi, Zibin Zheng  
 In 2015, there were 2 publications by 1 experts: Michael R. Lyu  
 In 2016, there were 5 publications by 2 experts: Kishor S. Trivedi, Michael R. Lyu  
 In 2017, there were 3 publications by 1 experts: Kishor S. Trivedi  
 In 2019, there were 4 publications by 2 experts: Kishor S. Trivedi, Michael R. Lyu

4 out of the 19 experts published at this conference in 1 or more years  
 3 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 5 or more years  
 1 out of the 19 experts published at this conference in 8 or more years WPP Report:

[http://portal.core.edu.au/core/media/conf\\_rank\\_report/higherrank990\\_top\\_people\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/higherrank990_top_people_report.txt)

Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/higherrank990\\_top\\_people\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank990_top_people_graph.png)



## Other Information

### Comparator Comparison

#### Comparator

Symposium on Reliable Distributed Systems

Explanation as to why conference is superior to comparator:

- h5 index of ISSRE is 21 whereas h5 of SRDS is 14 - SRDS is the 2nd most preferred venue in WPP for top people, whereas ISSRE is 8th. However, ISSRE has a much higher h5 index showing the greater impact of the publications. - ISSRE is ranked 160 in Aminer whereas SRDS is ranked 237 (considering the entire set of conferences)

SRDS has a different FoR code than ISSRE. However, the two conferences are clearly in the same area: while ISSRE deals with software reliability in general, SRDS focus on software reliability of distributed systems, which is a key part of ISSRE.

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_990\\_834.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_990_834.pdf)

#### Comparator

International Symposium on Empirical Software Engineering and Measurement

Explanation as to why conference is superior to comparator:

- h5 index of ISSRE and ESEM is 21 - ISSRE is the 8 most preferred venue in WPP for top people, whereas ESEM is not in the top 20. - ISSRE is ranked 113 in Aminer whereas ESEM is ranked 115 (considering the entire set of conferences) - Considering conferences in the Software Engineering / System Software / Programming Language are, ISSRE is ranked 18 in Aminer whereas ESEM is ranked 19

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_990\\_835.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_990_835.pdf)

### Attachments

N/A

### Proposers

First name: Marco

Last name: Vieira

Affiliation: University of Coimbra

Email: mvieira@dei.uc.pt

First name: Bojan  
Last name: Cukic  
Affiliation: University of North Carolina Charlotte  
Email: bcukic@uncc.edu

First name: Domenico  
Last name: Cotroneo  
Affiliation: University of Naples Federico II, Italy  
Email: cotroneo@unina.it

First name: Karama  
Last name: Kanoun  
Affiliation: LAAS/CNRS, France  
Email: Karama.Kanoun@laas.fr

First name: Mladen  
Last name: Vouk  
Affiliation: North Carolina State University, USA  
Email: vouk@ncsu.edu

**Submitted By**

Name: Vieira Marco  
Email: mvieira@dei.uc.pt