



**Submission Data for 2020-2021 CORE conference Ranking process
IEEE International Conference on Engineering of Complex Computer Systems**

Jin Song Dong, Jing Sun, Alan Liew, Guangdong Bai, Xin Xia, Zhe Hou, Hadrien Bride

Conference Details

Conference

Title: IEEE International Conference on Engineering of Complex Computer Systems

Acronym : ICECCS

Rank: A

Requested Rank

Rank: A

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://conferences.computer.org/iceccs/2019/#!/home>

Further details: The proceedings are published by IEEE Computer Society Conference Publishing Services, with IEEE Catalog Number: CFP19077-ART, and ISBN: 978-1-7281-4646-1.

Most Recent Years

Most Recent Year

Year: 2019

URL: <https://formal-analysis.com/iceccs/2019/>

Location: Guangzhou, China

Papers submitted: 88

Papers published: 21

Acceptance rate: 24

Source for numbers: <https://conferences.computer.org/iceccs/2019/pdfs/ICECCS2019-3pliTqLhZVFazcSoH7tJBo/1o2qjxRGm9cBBi16Ye43d/7GYHsVNFkFC6bKbQU5ntB9.pdf>

General Chairs

Name: Yang Liu

Affiliation: Nanyang Technological University

Gender: M

H Index: 41

GScholar url: https://scholar.google.com/citations?user=_Pvgwd0AAAAJ&hl=en

DBLP url: <https://dblp.org/pid/51/3710-3.html>

Name: Ho Fung Leung

Affiliation: The Chinese University of Hong Kong

Gender: M

H Index: 28

GScholar url: <https://scholar.google.com/citations?user=wARV4bsAAAAJ&hl=en>

DBLP url: <https://dblp.org/pid/1/HofungLeung.html>

Name: Zuohua Ding

Affiliation: Zhejiang Sci-Tech University

Gender: M

H Index:

GScholar url:

DBLP url: <https://dblp.org/pid/75/157.html>

Program Chairs

Name: Jun Pang
Affiliation: University of Luxembourg
Gender: M
H Index: 30
GScholar url: https://scholar.google.com/citations?user=0JjOM_gAAAAJ&hl=en
DBLP url: <https://dblp.org/pid/p/JunPang.html>

Name: Jing Sun
Affiliation: University of Auckland
Gender: M
H Index: 20
GScholar url: <https://scholar.google.com/citations?user=H7pUxUAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/s/JingSun2.html>

Second Most Recent Year

Year: 2018

URL: <https://formal-analysis.com/iceccs/2018/>

Location: Melbourne, Australia

Papers submitted: 79

Papers published: 18

Acceptance rate: 23

Source for numbers: <https://www.computer.org/csdl/pds/api/csdl/proceedings/download-article/17D45Xq6dzy/pdf>

General Chairs

Name: Yuan-Fang Li
Affiliation: Monash University
Gender: M
H Index: 20
GScholar url: <https://scholar.google.com/citations?user=wufX01kAAAAJ&hl=en>
DBLP url: <https://dblp.uni-trier.de/pid/20/2537.html>

Program Chairs

Name: Jun Sun
Affiliation: Singapore Management University
Gender: M
H Index: 32
GScholar url: <https://scholar.google.com/citations?user=DVsEyn0AAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/s/JunSun1.html>

Name: Anthony Widjaja Lin
Affiliation: University of Oxford
Gender: M
H Index: 16
GScholar url: https://scholar.google.com/citations?user=_5nnYUAAAAJ&hl=en
DBLP url: <https://dblp.org/pid/38/2655.html>

Third Most Recent Year

Year: 2017

URL: <https://iceccs.github.io/2017/>

Location: Fukuoka, Japan

Papers submitted: 60

Papers published: 14

Acceptance rate: 23

Source for numbers: <https://www.computer.org/csdl/pds/api/csdl/proceedings/download-article/120mNx9nGGs/pdf>

General Chairs

Name: Baowen Xu Affiliation: Nanjing University Gender: M H Index: 45 GScholar url: https://scholar.google.com/citations?user=6Rtu070AAAAJ DBLP url:
Name: Jianjun Zhao Affiliation: Kyushu University Gender: M H Index: 41 GScholar url: https://scholar.google.com/citations?user=PZZ0iygAAAAJ&hl=en DBLP url:

Program Chairs

Name: Zhenjiang Hu Affiliation: Peking University Gender: M H Index: 37 GScholar url: https://scholar.google.com/citations?user=MvGKdLoAAAAJ&hl=en DBLP url: https://dblp.org/pid/24/5199.html
Name: Guangdong Bai Affiliation: The University of Queensland Gender: M H Index: 12 GScholar url: https://scholar.google.com/citations?user=4TjSSaUAAAAJ&hl=en DBLP url: https://dblp.org/pid/86/9673.html

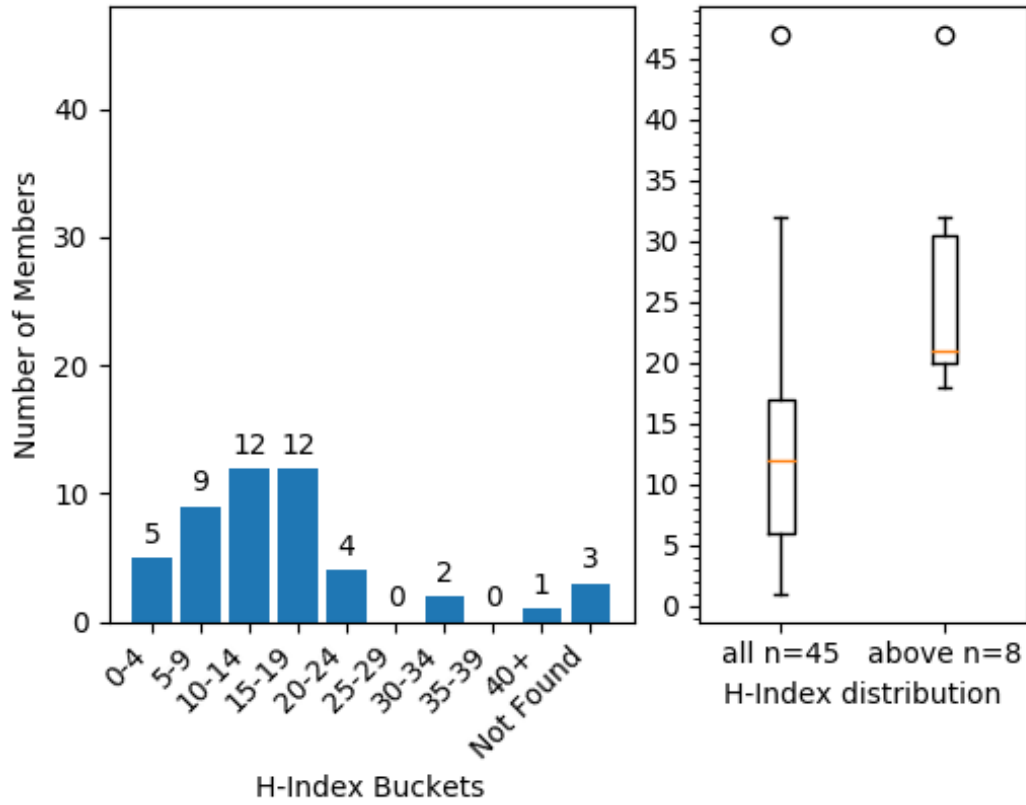
Policies

Chair Selection: The chairs are selected by steering committee with eight professors and associate professors: Jin Song Dong (Griffith University and NUS, Australia), Mike Hinchey (University of Limerick, Ireland), Mark Lawford (McMaster University, Canada), Xiaohong Li (Tianjin University, China), Shaoying Liu (Hosei University, Japan), Andrew Martin (University of Oxford, UK), Roy Sterritt (Ulster University, United Kingdom) and Jing Sun (The University of Auckland, New Zealand). Each committee member proposes two candidates, and the committee vote among the candidates. The committee take into consideration the following criteria in the nomination process. 1. A evidenced track record of publications in the highest quality international conferences and journals 2. Excellent communication skills, and capability and experience of engaging with research community 3. Evidenced leadership skills in facilitating large-scale academic event 3. Capacity and willingness to independently organise a large-scale academic event 4. Co-chairs are affiliated with institutions of different countries 5. A chair did not serve as the same role in the previous 5 years

No Policies.

(Senior) Program Committee

Link to (s)pc: <https://formal-analysis.com/iceccs/2020/>
 File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/ICECCS_Y5WuAjK_03ZnuDG.txt
 H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1600.png
 Information Contained within this graph is derived using the Elsevier Scopus Database 2021.



Data and Metrics

Google Scholar Metrics

Sub-category url: http://scholar.google.com.au/citations?view_op=top_venues&hl=en

Position in sub-category: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank1600_gscholar_minh5.PNG

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

h5-index for this conference: 10

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Aminer rank: 487

Aminer name: IEEE International Conference on Engineering of Complex Computer Systems

Acronym / shortname: ICECCS

h-5 index: 10

CCF level:

THU level:

Top Aminer Cites: http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1600_aminer_top_cite.PNG

1	Evaluating Suitability of Applying Blockchain Sin Kuang Lo Q., Xiwei Xu, Yin Kia Chiam, Qinghua Lu (2017)	Cited by 63
2	On the Impact of Kanban on Software Project Work: An Empirical Case Study Investigation Marko Ikonen, Elena Pirinen, Fabian Fagerholm, Petri Kettunen, Pekka Abrahamsson (2011)	Cited by 55
3	Verification of MARTE/CCSL Time Requirements in Promela/SPIN Ling Yin, Frédéric Mallet, Jing Liu (2011)	Cited by 45
4	Analyzing and Forecasting Near-Miss Clones in Evolving Software: An Empirical Study Minhaz F. Zibran, Ripon K. Saha, Muhammad Asaduzzaman, Chanchal K. Roy (2011)	Cited by 41
5	Expressing and Enforcing User-Defined Constraints of AADL Models Olivier Gilles, Jerome Hugues (2010)	Cited by 41
6	A Model for Requirements Traceability in a Heterogeneous Model-Based Design Process: Application to Automotive Embedded Systems Hubert Dubois, Marie-Agnes Peraldi-Frati, Fadoi Lakhali (2010)	Cited by 39
7	A Fully Dynamic Approach to the Reverse Engineering of UML Sequence Diagrams Tewfik Ziadi, Marcos Aurélio Almeida da Silva, Lom Messan Hillah, Mikal Ziane (2011)	Cited by 37

Other Rankings

URL: http://www.cs.jhu.edu/~taochen/SoC_Conference_Ranking.html

Description: In the conference ranking of National University of Singapore, ICECCS is ranked as second tier, same as other CORE-A conferences like ASE, ECOOP, ICSM, etc.

Rank: 2

Conferences in area: ICSE CAV FSE FM ATVA ICECCS ISSRE MODELS FOSSACS

Top People Publishing Here

Not Providing Top People Publishing Here

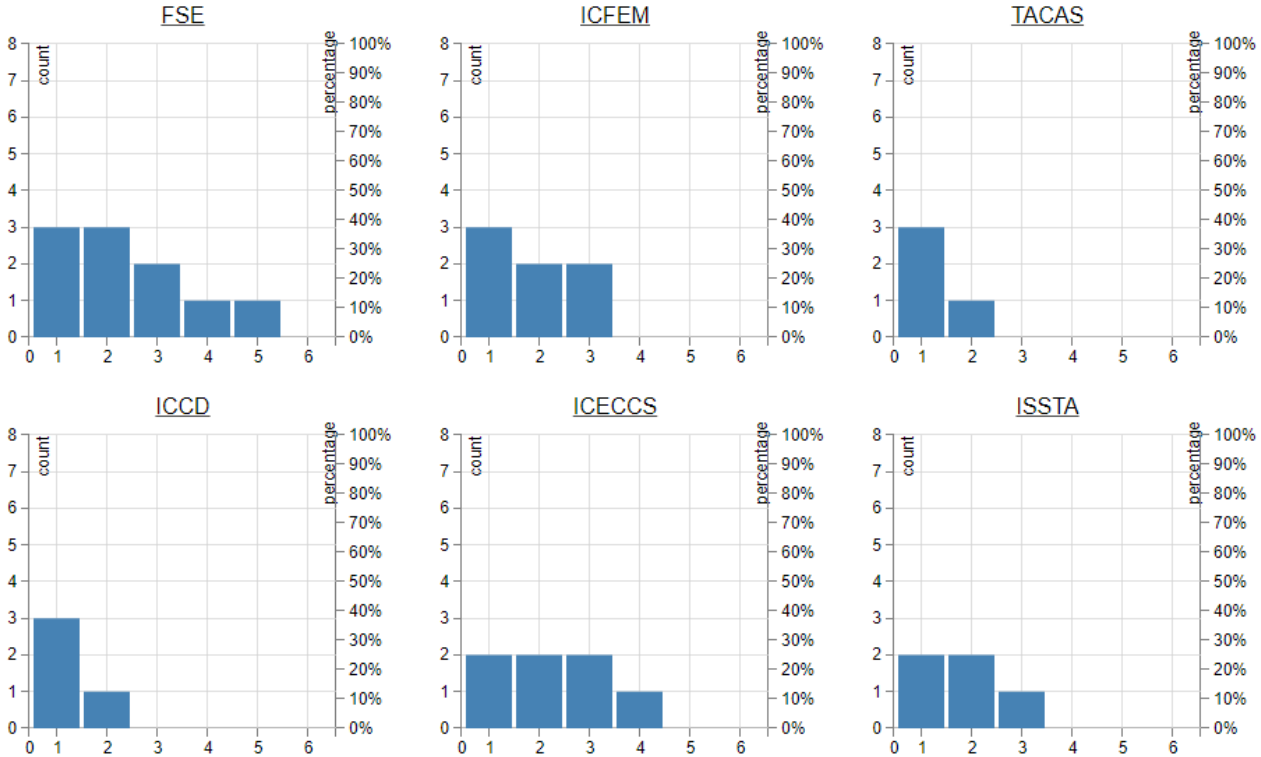
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1600_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1600_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1600_spc_graph.PNG



Reference item: \\ 8. IEEE International Conference on Engineering of Complex Computer Systems (ICECCS)

This conference was published at 10 times by 2 of 8 experts in the last 5 years.

The experts that publish at this conference are: Yang Liu 0003(5), Jun Sun 0001(6)

In 2015, there were 2 publications by 2 experts: Yang Liu 0003, Jun Sun 0001
 In 2016, there were 3 publications by 2 experts: Yang Liu 0003, Jun Sun 0001
 In 2017, there were 1 publications by 1 experts: Jun Sun 0001
 In 2019, there were 4 publications by 2 experts: Yang Liu 0003, Jun Sun 0001

2 out of the 8 experts published at this conference in 3 or more years
 1 out of the 8 experts published at this conference in 4 or more years

Top People Report

Method of selection: Top researchers on formal methods, real-time systems and software engineering

name	h-index	gscholar url
C. A. R. Hoare	71	https://scholar.google.com/citations?hl=en&user=v-Yd0ywAAAAJ
Edmund M. Clarke	101	https://scholar.google.com/citations?hl=en&user=_adL2C8AAAAJ
Rajeev Alur	90	https://scholar.google.com/citations?hl=en&user=kWnv_YkAAAAJ
JosÁl' Antonio MartÁn	81	https://scholar.google.com/citations?hl=en&user=cjgk2esAAAAJ
Somesh Jha	84	https://scholar.google.com/citations?hl=en&user=BaI718QAAAAJ
Zhiming Liu	76	https://scholar.google.com/citations?hl=en&user=fm-_zCwAAAAJ
George J. Pappas	91	https://scholar.google.com/citations?hl=en&user=Kia-4B0AAAAJ
David McAllester	64	https://scholar.google.com/citations?hl=en&user=nbpafUkAAAAJ
Jeannette M Wing	55	https://scholar.google.com/citations?hl=en&user=2NjS1dUAAAAJ
Patrick Cousot	55	https://scholar.google.com/citations?hl=en&user=mh1vI8wAAAAJ
Robert France	55	https://scholar.google.com/citations?hl=en&user=fqsgCbAAAAJ
Joost-Pieter Katoen	66	https://scholar.google.com/citations?hl=en&user=yjj05_oAAAAJ
David Lo	65	https://scholar.google.com/citations?hl=it&user=Ra4bt-oAAAAJ
Gul Agha	62	https://scholar.google.com/citations?hl=en&user=orH1hhQAAAAJ
Cliff B. Jones	46	https://scholar.google.com/citations?hl=en&user=W9m9SwwAAAAJ
Pekka Abrahamsson	53	https://scholar.google.fr/citations?hl=en&user=A-CX3y4AAAAJ
John Grundy	55	https://scholar.google.com/citations?user=bbEQGY8AAAAJ
Jon Timmis	56	https://scholar.google.com/citations?user=x8_L6ugAAAAJ&hl=en
Paul Pettersson	47	https://scholar.google.com/citations?hl=en&user=vyDB-GoAAAAJ
Jin Song Dong	43	https://scholar.google.com/citations?user=tuLa1AsAAAAJ&hl=en

This conference was published at 13 times by 3 of 19 experts in the last 5 years.

The experts that publish at this conference are: David Lo 0001(2), Jin Song Dong(10), John C. Grundy(1)

In 2015, there were 5 publications by 3 experts: David Lo 0001, Jin Song Dong, John C. Grundy

In 2016, there were 4 publications by 1 experts: Jin Song Dong

In 2017, there were 1 publications by 1 experts: Jin Song Dong

In 2018, there were 3 publications by 2 experts: David Lo 0001, Jin Song Dong

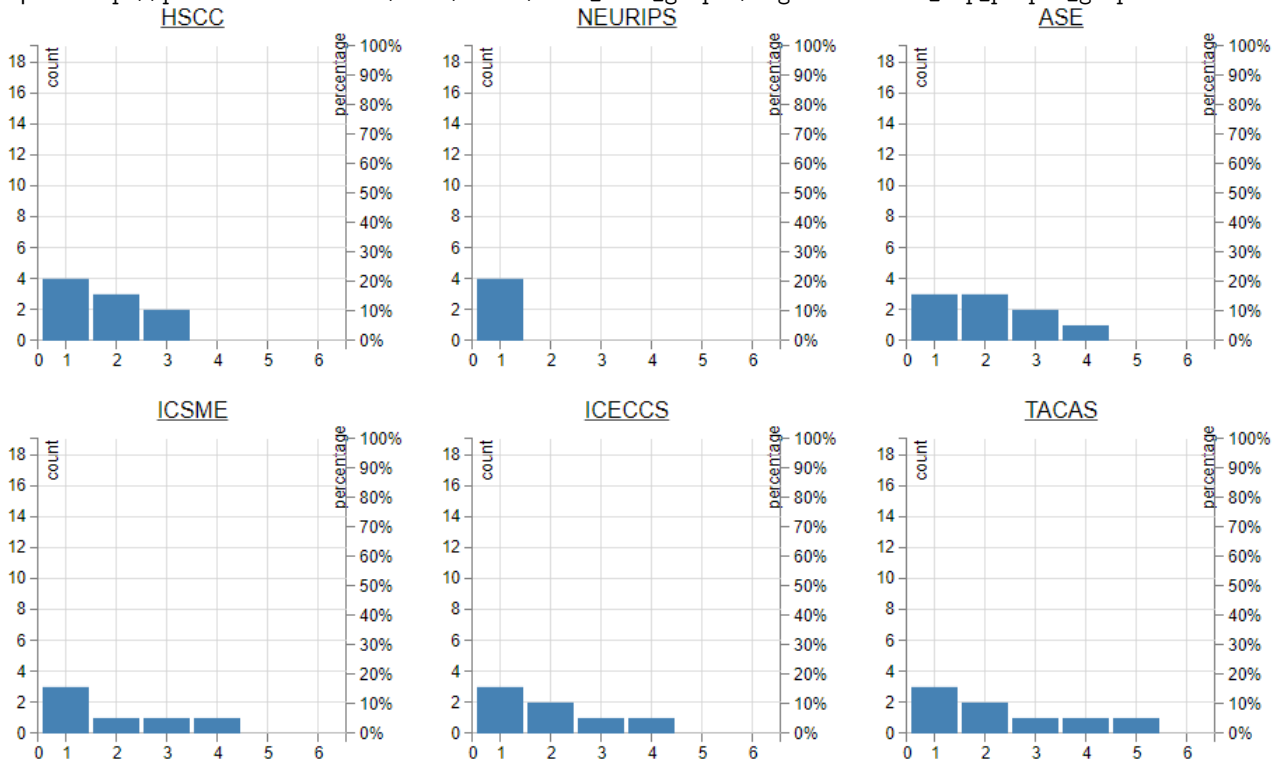
3 out of the 19 experts published at this conference in 1 or more years

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

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

http://portal.core.edu.au/core/media/conf_rank_report/higherrank1600_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1600_top_people_graph.PNG



Other Information

Comparator Comparison

Comparator

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

Explanation as to why conference is superior to comparator:

While two conferences have similar scope and size of submissions, ICECCS has lower acceptance rate. ICECCS is one of the preferred conference by the top researchers, while MODELS is not in the top 10.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1600_819.pdf

Comparator

Foundations of Software Science and Computational Structures

Explanation as to why conference is superior to comparator:

While two conferences have similar scope and size of submissions, ICECCS has lower acceptance rate. ICECCS is one of the preferred conference by the top researchers. ICECCS is one of the preferred conference by the top researchers, while MODELS is not in the top 10.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1600_904.pdf

Attachments

N/A

Proposers

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