



Submission Data for 2020-2021 CORE conference Ranking process

International Conference on Network and Service Management (amalgamation of DSOM and related workshops from 2010)

Filip De Turck, Raouf Boutaba, Burkhard Stiller, Prosper Chemouil

Conference Details

Conference

Title: International Conference on Network and Service Management (amalgamation of DSOM and related workshops from 2010)

Acronym : CNSM

Rank: B

Requested Rank

Rank: A

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained

Link to most recent proceedings: <http://dl.ifip.org/db/conf/cnsm/cnsm2020/>

Further details: The Proceedings of NetSoft are published through IEEE Xplore and the IEEE Digital Library, and the IFIP online library. They contain full papers (up to 9 pages presented in plenary sessions), short papers (up to 6 pages presented in dual track Sessions). In addition to the main 3-day conference, we accommodate co-located workshops the day before and the day after the main conference. Workshop papers are also peer-reviewed and published in the proceedings.

Most Recent Years

Most Recent Year

Year: 2019

URL: <http://www.cnsm-conf.org/2019/>

Location: Halifax, Canada

Papers submitted: 127

Papers published: 21

Acceptance rate: 17

Source for numbers: <https://sites.cs.ucsb.edu/~almeroth/conf/stats/#cnsm>

General Chairs

Name: Hanan Lutfiyya Affiliation: University of Western Ontario, Canada Gender: F H Index: 25 GScholar url: https://scholar.google.com/scholar?q=HananLutfiyya DBLP url: https://dblp.uni-trier.de/pid/1/HananLutfiyya.html
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Name: Yixin Diao Affiliation: IBM TJ Watson Gender: M H Index: 32 GScholar url: https://scholar.google.be/citations?user=TeET6GkAAAAJ DBLP url: https://dblp.uni-trier.de/pid/48/6719.html
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Program Chairs

Name: Nur Zincir-Heywood
Affiliation: Dalhousie University, Canada
Gender: F
H Index: 33
G Scholar url: <https://scholar.google.ca/citations?user=F9nGOF4AAAAJ>
DBLP url: <https://dblp.uni-trier.de/pid/z/ANZincirHeywood.html>

Name: Remi Badonnel
Affiliation: Telecom Nancy, France
Gender: M
H Index: 25
G Scholar url:
DBLP url: <https://dblp1.uni-trier.de/pid/04/5407.html>

Second Most Recent Year

Year: 2018

URL: <http://www.cnsm-conf.org/2018/>

Location: Rome, Italy

Papers submitted: 100

Papers published: 19

Acceptance rate: 19

Source for numbers: <https://sites.cs.ucsb.edu/~almeroth/conf/stats/#cnsm>

General Chairs

Name: Stefano Salsano
Affiliation: University of Rome Tor Vergata, Italy
Gender: M
H Index: 33
G Scholar url: <https://scholar.google.com.au/citations?hl=en&user=gwEPz8MAAAAJ>
DBLP url: <https://dblp.uni-trier.de/pid/41/3791.html>

Program Chairs

Name: Roberto Riggio
Affiliation: FBK CREATE-NET, Italy
Gender: M
H Index: 24
G Scholar url: <https://scholar.google.it/citations?user=R1ZShbIAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/04/2612.html>

Name: Toufik Ahmed
Affiliation: LaBRI, University Bordeaux, Bordeaux INP, France
Gender: M
H Index: 26
G Scholar url: <https://scholar.google.com/citations?user=pwuhNGoAAAAAJ&hl=fr>
DBLP url: <https://dblp.uni-trier.de/pid/18/4550.html>

Name: Taghrid Samak
Affiliation: Google, USA
Gender: F
H Index: 15
G Scholar url: <https://scholar.google.com/citations?hl=en&user=mklkCekAAAAAJ>
DBLP url:

Third Most Recent Year

Year: 2017

URL: <http://www.cnsm-conf.org/2017/>

Location: Tokyo, Japan

Papers submitted: 136

Papers published: 24

Acceptance rate: 18

Source for numbers: <https://sites.cs.ucsb.edu/~almeroth/conf/stats/#cnsm>

General Chairs

<p>Name: Yoshiaki Tanaka Affiliation: Waseda University, Japan Gender: M H Index: 74 GScholar url: https://scholar.google.be/citations?user=pToxXiEAAAAJ&hl=en DBLP url: https://dblp.org/pid/49/3651.html</p>
<p>Name: Yoshiaki Kiriha Affiliation: University of Tokyo, Japan Gender: M H Index: GScholar url: DBLP url: https://dblp.uni-trier.de/pid/60/3433.html</p>
<p>Name: Shingo Ata Affiliation: Osaka City University, Japan Gender: M H Index: 18 GScholar url: https://scholar.google.com/citations?hl=en&user=itMRsLYAAAAJ DBLP url: https://dblp.org/pid/49/2403.html</p>

Program Chairs

<p>Name: Carol Fung Affiliation: Virginia Commonwealth University, USA Gender: F H Index: 24 GScholar url: https://scholar.google.com/citations?user=1IYpkGYAAAAJ&hl=en DBLP url: https://dblp.org/pid/261/7280.html</p>
<p>Name: Kazuhiko Kinoshita Affiliation: Tokushima University, Japan Gender: M H Index: GScholar url: DBLP url: https://dblp.uni-trier.de/pid/04/3775.html</p>
<p>Name: Steven Latr��f Affiliation: University of Antwerp - imec, Belgium Gender: M H Index: 27 GScholar url: https://scholar.google.com.br/citations?hl=pt-BR&user=gY1AtYAAAAAJ DBLP url: https://dblp.uni-trier.de/pid/23/2276.html</p>

Policies

Chair Selection: The General and Program Chairs are selected by the Steering Committee among a list of potential candidates working in the conference area. The Steering Committee is composed of 7 Senior Members (with 6 IEEE Fellows) from both academia and industry (Industry members have academia records): Raouf Boutaba, University of Waterloo, Canada Marcus Brunner, Huawei, Switzerland Prosper Chemouil, Cnam, France James Hong, Postech, Korea Deep Medhi, NSF and University of Missouri-Kansas City, USA Filip De Turck, University of Ghent, Belgium Doug Zuckerman, Perspecta Labs, USA Yixin Diao, IBM, USA Criteria are evidence of achievements in the area, geographical and organizational diversity, commitment of local researchers, gender diversity, and current involvement in our research community.

Policy name: IEEE policies - section 10 of IEEE policy document

Policy url: <https://www.ieee.org/content/dam/ieee-org/ieee/web/org/ieee-policies.pdf>

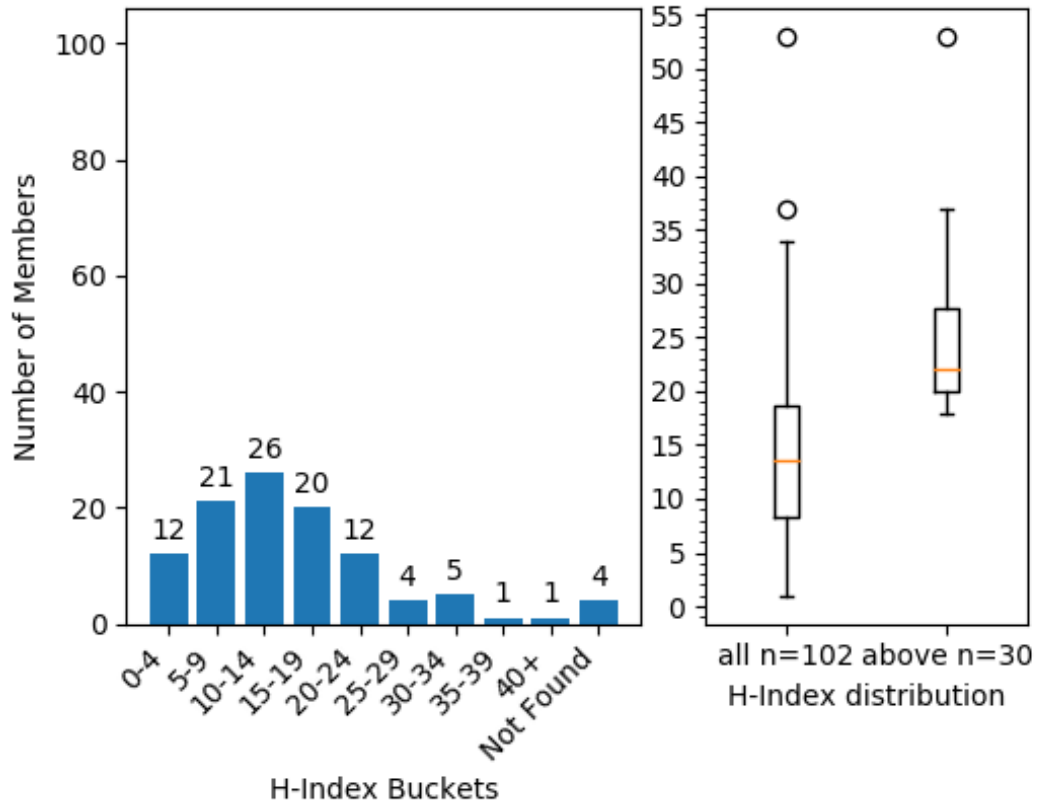
(Senior) Program Committee

Link to (s)pc: <http://www.cns-m-conf.org/2020/committees.html>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/CNSM_TPCv3_6WtKRgT.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1298.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_computernetnetworkswirelesscommunication

Position in sub-category: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank1298_gscholar_minh5.png

	Publication	h5-index	h5-median
1.	IEEE Communications Surveys & Tutorials	138	248
2.	IEEE Communications Magazine	130	190
3.	IEEE Transactions on Wireless Communications	110	159
4.	IEEE Transactions on Vehicular Technology	104	148
5.	IEEE Journal on Selected Areas in Communications	101	141
6.	IEEE Transactions on Communications	89	133
7.	Journal of Network and Computer Applications	83	118
8.	IEEE Wireless Communications	80	125
9.	IEEE International Conference on Computer Communications (INFOCOM)	72	99
10.	IEEE Communications Letters	69	99
11.	IEEE International Conference on Computer and Communications	69	99
12.	IEEE Systems Journal	69	92
13.	IEEE Networks	68	103
14.	IEEE Transactions on Mobile Computing	68	97
15.	IEEE International Conference on Communications	67	86
16.	ACM SIGCOMM Conference	65	127
17.	IEEE/ACM Transactions on Networking	59	96
18.	IEEE GLOBECOM	57	79
19.	Computer networks	56	89
20.	IEEE Wireless Communications Letters	55	84

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

h5-index for this conference: 23

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Not Listed in Aminer

Other Rankings

URL: <http://www.guide2research.com/topconf/>

Description: Guide2Research is one of the leading portals for computer science research providing trusted data on scientific contributions since 2014. Ranking makes use of a novel metric called Impact Score to rank conferences based on the number of contributing top scientists in addition to the h-index estimated from the scientific papers published by top scientists in the last three years. Ranking lists more than 1000 conferences in different scientific areas, and the rank is global. Yet it is possible to select the list of appropriate events in an area.

Rank: 309

Conferences in area: In the area of network and service management, the important events are CNSM, IFIP/IEEE IM, IEEE/IFIP NOMS, IEEE Infocom, ACM SIGCOMM, IEEE NetSoft, and ICIN.

Top People Publishing Here

name: Raouf Boutaba

justification: Prof. Raouf Boutaba is a highly cited author in the research domain of network and service management, has an H-index of 68 and 27787 citations (GS) and is an IEEE Fellow since 2012.

Paper counts:

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

Attendance: ALWAYS

name: Filip De Turck

justification: Prof. Filip De Turck is a highly cited author in the research domain of network and service management, has an H-index of 51 and 13231 citations (GS) and is a recent IEEE Fellow.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	2	1	4	3

Attendance: ALWAYS

name: Rolf Stadler

justification: Prof. Rolf Stadler served as the Editor-in-Chief of IEEE TNSM (Transactions on Network and Service Management) (2014-2017) and is a very active contributor to the network and service management community, as chair of Distinguished expert panels and other roles.

Paper counts:

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

Attendance: ALWAYS

name: James Won-Ki Hong

justification: Prof. James Won-Ki Hong serves as the Editor-in-Chief of the International Journal on Network Management (2010-present) and is a very active contributor to the network and service management community, as steering group member and other roles. His H-index is 35 (GS).

Paper counts:

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

Attendance: ALWAYS

name: Toufik Ahmed

justification: Prof. Toufik Ahmed is an active and promising researcher in the area of Network and Service management, served as TPC-chair, and General Chair for community events. His H-index is 26 (GS).

Paper counts:

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

Attendance: ALWAYS

name: Mohamed Cheriet

justification: Prof. Mohamed Cheriet is an active active and promising researcher in the area of Network and Service management, and frequent contributor, his H-index is 47 (GS).

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
3	0	0	5	0

Attendance: OFTEN

name: Tobias Hossfeld

justification: Prof. Tobias Hossfeld is an active contributor to the network and service management research field. His H-index is 45 (GS).

Paper counts:

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

Attendance: OFTEN

name: Nur Zincir-Heywood

justification: Prof. Nur Zincir-Heywood is an active researcher in the area of Network and Service management, served as TPC-chair, and General Chair for community events. Her H-index is 33 (GS).

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
6	0	1	0	2

Attendance: ALWAYS

name: Yoshiaki Tanaka

justification: Prof. Yoshiaki Tanaka is an active researcher in the area of Network and Service management, served as TPC-chair, and General Chair for community events. His H-index is 74 (GS).

Paper counts:

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

Attendance: SOMETIMES

name: Wolfgang Kellerer

justification: Prof. Wolfgang Kellerer is an active researcher in the area of Network and Service management, served as guest editor of IEEE JSAC/TNSM Special Issues and obtained prestigious ERC funding. His H-index is 49 (GS).

Paper counts:

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

Attendance: ALWAYS

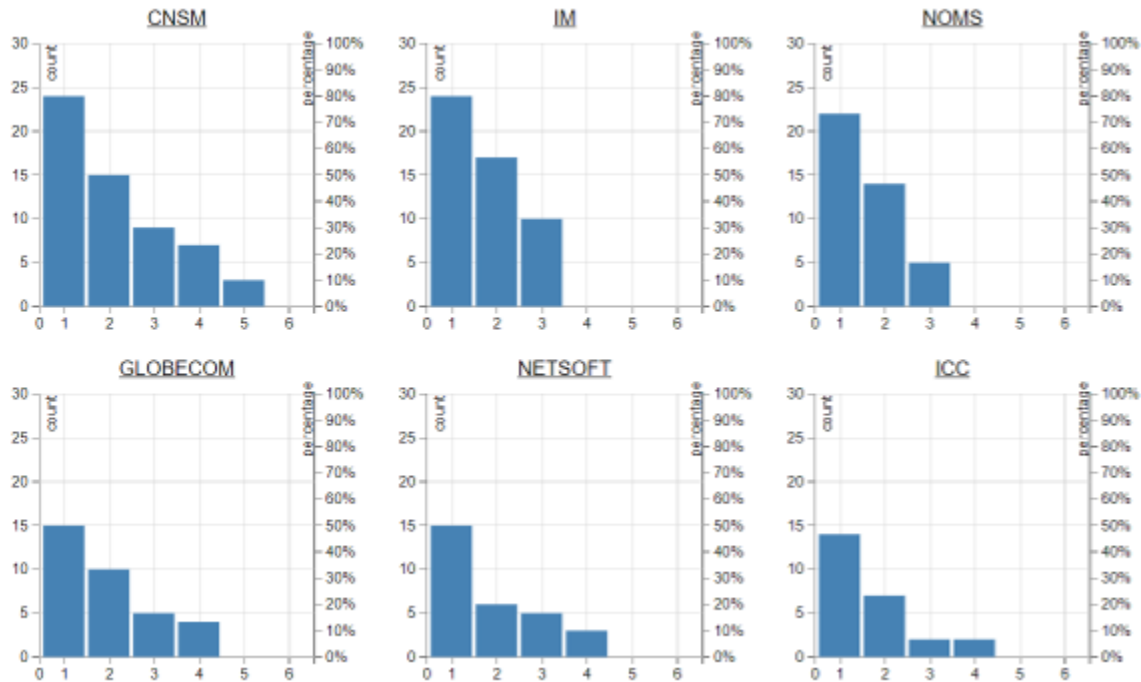
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1298_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1298_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1298_spc_graph.png



Reference item: \\ 1. Conference on Network and Service Management (CNSM)

This conference was published at 101 times by 24 of 30 experts in the last 5 years.

The experts that publish at this conference are: Raouf Boutaba(13), Filip De Turck(12), Chadi Barakat(1), Yixin Diao(1), Chadi M. Assi(2), Luca Foschini(1), Carol J. Fung(6), James Won-Ki Hong(9), Mohamed Faten Zhani(1), Tobias Hofeld(3), Jeroen Famaey(4), Emil C. Lupu(1), Burkhard Stiller(3), Mohamed Cheriet(8), Thomas Zinner(5), Lisandro Zambenedetti Granville(1), Roberto Riggio(11), Choong Seon Hong(1), Steven Latr(14), Ehab Al-Shaer(1), Edmundo Roberto Mauro Madeira(1), Danny Raz(2), Kensuke Fukuda(3), Ayse Nur Zincir-Heywood(7)

In 2015, there were 14 publications by 10 experts: Carol J. Fung, Raouf Boutaba, Steven Latr, Roberto Riggio, Yixin Diao, Thomas Zinner, Filip De Turck, Tobias Hofeld, Ayse Nur Zincir-Heywood, Jeroen Famaey

In 2016, there were 23 publications by 13 experts: Carol J. Fung, Raouf Boutaba, Steven Latr, James Won-Ki Hong, Roberto Riggio, Mohamed Cheriet, Ehab Al-Shaer, Thomas Zinner, Danny Raz, Lisandro Zambenedetti Granville, Filip De Turck, Burkhard Stiller, Chadi M. Assi

In 2017, there were 23 publications by 13 experts: Carol J. Fung, Emil C. Lupu, Raouf Boutaba, Filip De Turck, Kensuke Fukuda, James Won-Ki Hong, Edmundo Roberto Mauro Madeira, Thomas Zinner, Roberto Riggio, Tobias Hofeld, Jeroen Famaey, Chadi M. Assi, Steven Latr

In 2018, there were 19 publications by 11 experts: Carol J. Fung, Raouf Boutaba, Filip De Turck, Steven Latr, James Won-Ki Hong, Mohamed Faten Zhani, Danny Raz, Roberto Riggio, Tobias Hofeld, Jeroen Famaey, Luca Foschini

In 2019, there were 22 publications by 11 experts: Raouf Boutaba, Roberto Riggio, James Won-Ki Hong, Chadi Barakat, Kensuke Fukuda, Mohamed Cheriet, Thomas Zinner, Filip De Turck, Choong Seon Hong, Burkhard Stiller, Ayse Nur Zincir-Heywood

24 out of the 30 experts published at this conference in 1 or more years
15 out of the 30 experts published at this conference in 2 or more years
9 out of the 30 experts published at this conference in 3 or more years
7 out of the 30 experts published at this conference in 4 or more years
3 out of the 30 experts published at this conference in 5 or more years

Top People Report

Method of selection: The 20 top people were selected based on their contributions to the network and service management research community, their H index and their reputation. Multiple of these top 20 people are IEEE Fellows. Several of the selected top people serves as Associate Editor of IEEE TNSM (Transactions on Network and Service Management, IF: 3.868).

	name	h-index	gscholar url
Keyword:	Lee Sanghwan	85	https://scholar.google.com.br/citations?hl=pt-BR&user=m-xdyI8AAAAJ
	Yoshiaki Tanaka	74	https://scholar.google.be/citations?hl=en&user=pToxXiEAAAAJ
	Raouf Boutaba	67	https://scholar.google.com.au/citations?hl=en&user=L1RHDCcAAAAJ
	Mauro Conti	57	https://scholar.google.be/citations?hl=en&user=0Bcs0Y8AAAAJ
	Nur Zincir-Heywood	35	https://scholar.google.com.br/citations?hl=pt-BR&user=F9nGOF4AAAAJ
	Marco Mellia	51	https://scholar.google.be/citations?hl=en&user=h5R2pc4AAAAJ
	Tobias Hossfeld	45	https://scholar.google.com.au/citations?hl=en&user=AdGp9e0AAAAJ
	Kevin Almeroth	49	https://scholar.google.be/citations?hl=en&user=oXasn9EAAAAJ
	Wolfgang Kellerer	49	https://scholar.google.com.br/citations?hl=pt-BR&user=6L4GH_wAAAAJ
	George Pavlou	49	https://scholar.google.com.au/citations?hl=en&user=0uIZM_0AAAAJ
	Salil Kanhere	48	https://scholar.google.be/citations?hl=en&user=sgqmaPMAAAAAJ
	Giuseppe Bianchi	47	https://scholar.google.be/citations?hl=en&user=JQsX7rAAAAAJ
	Torsten Braun	47	https://scholar.google.com.br/citations?hl=pt-BR&user=eL80zgIAAAAAJ
	Ing-Ray Chen	47	https://scholar.google.be/citations?user=UdangLEAAAAJ&hl=en
	Yong Li	47	https://scholar.google.be/citations?hl=en&user=kmgzPeQAAAAJ
	Mohamed Cheriet	47	https://scholar.google.be/citations?user=oG89PhIAAAAAJ
	Massimo Tornatore	46	https://scholar.google.be/citations?hl=en&user=50-RA6kAAAAJ
	James Won-Ki Hong	35	https://scholar.google.com.au/citations?hl=en&user=xmjM_WoAAAAJ
	Zuqing Zhu	46	https://scholar.google.be/citations?hl=en&user=z4JIIysAAAAJ
	Filip De Turck	51	https://scholar.google.com.au/citations?hl=en&user=-HXXnmEAAAAJ

Reference item: \ 3. Conference on Network and Service Management (CNSM)

 This conference was published at 64 times by 10 of 20 experts in the last 5 years.

The experts that publish at this conference are: Raouf Boutaba(13), Wolfgang Kellerer(6), James Won-Ki Hong(9), George Pavlou(3), Mohamed Cheriet(8), Filip De Turck(12), Yoshiaki Tanaka(3), Tobias Hofeld(3), A. Nur Zincir-Heywood(7), Massimo Tornatore(1)

In 2015, there were 10 publications by 6 experts: Raouf Boutaba, Wolfgang Kellerer, Filip De Turck, Tobias Hofeld, A. Nur Zincir-Heywood, George Pavlou

In 2016, there were 15 publications by 5 experts: Mohamed Cheriet, Raouf Boutaba, Filip De Turck, Wolfgang Kellerer, James Won-Ki Hong

In 2017, there were 13 publications by 7 experts: James Won-Ki Hong, Raouf Boutaba, Wolfgang Kellerer, Filip De Turck, Yoshiaki Tanaka, Tobias Hofeld, George Pavlou

In 2018, there were 10 publications by 6 experts: Raouf Boutaba, Wolfgang Kellerer, Filip De Turck, James Won-Ki Hong, Tobias Hofeld, George Pavlou

In 2019, there were 16 publications by 7 experts: Mohamed Cheriet, Raouf Boutaba, Wolfgang Kellerer, Filip De Turck, James Won-Ki Hong, A. Nur Zincir-Heywood, Massimo Tornatore

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

8 out of the 20 experts published at this conference in 2 or more years

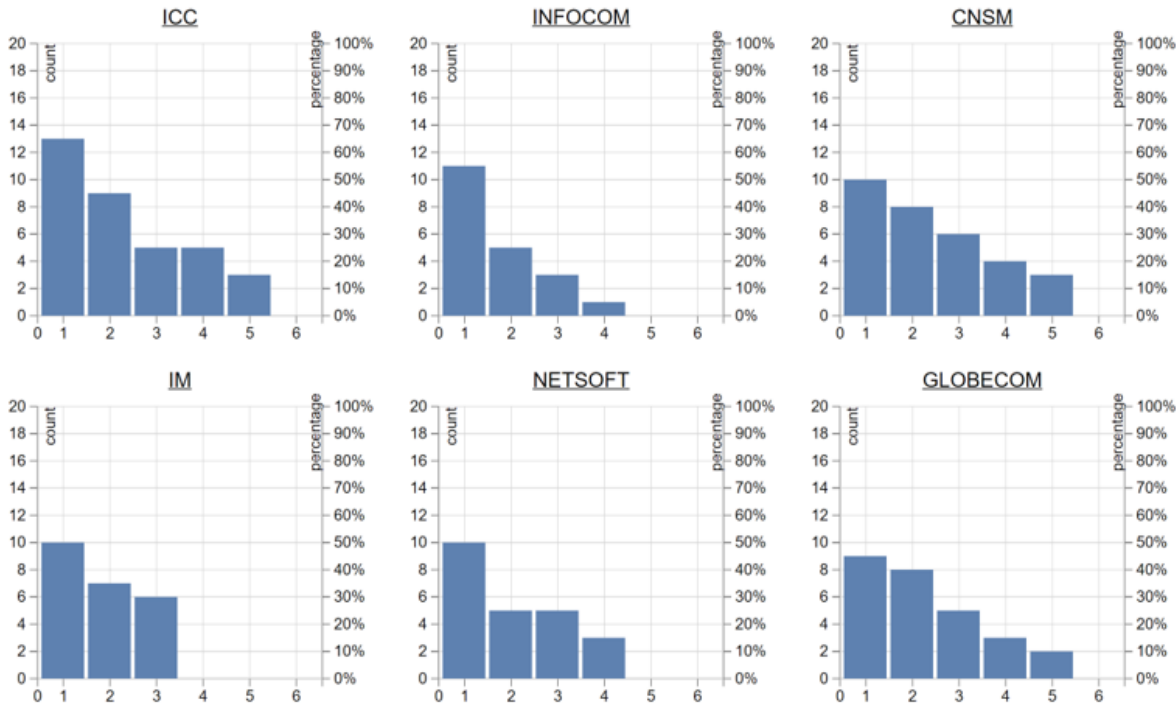
6 out of the 20 experts published at this conference in 3 or more years

4 out of the 20 experts published at this conference in 4 or more years

3 out of the 20 experts published at this conference in 5 or more years WPP Report:

http://portal.core.edu.au/core/media/conf_rank_report/higherrank1298_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1298_top_people_graph.png



Other Information

Comparator Comparison

Comparator

IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks

Explanation as to why conference is superior to comparator:

The WoWMoM event receives less submissions (around 70 per year) and has a higher acceptance ratio (around 28-29%). The program committee members publish less often in the WoWMoM event and there seems to be a community of top people (with high H-indices and IEEE Fellows) behind our community, which does not seem to be the case for WoWMoM. WoWMoM is ranked lower (340) in the <http://www.guide2research.com/topconf> ranking than CNSM (309).

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1298_435.pdf

Comparator

International Conference on Computer Communication and Networks

Explanation as to why conference is superior to comparator:

The ICCCN event has a higher acceptance ratio (around 28-29% on average) and the number of submissions is fluctuating. The program committee members publish less often in the ICCCN event and there seems to be a community of top people (with high H-indices and IEEE Fellows) behind our community, which seems to be less the case for ICCCN.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1298_455.pdf

Comparator

Network and Operating System Support for Digital Audio and Video

Explanation as to why conference is superior to comparator:

The NOSSDAV event receives less submissions (40 per year max.) and has a higher acceptance ratio (around 38-42%). The program committee members publish less often in the NOSSDAV event. According to Aminer, the h5-index of NOSSDAV is 15, and its ranking is 432 (it was not possible to find the event on the googlescholar ranking). The h5-index of NOSSDAV seems to be significantly lower. NOSSDAV is not ranked in the <http://www.guide2research.com/topconf> ranking.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1298_466.pdf

Comparator

ACM/IEEE International Conference on Modelling, Analysis and Simulation of Wireless and Mobile Systems

Explanation as to why conference is superior to comparator:

The MSWIM program committee members publish less often in the MSWIM event. The number of submissions is from 100 to 142, and the acceptance rate from 20 to 31. MSWIM is ranked lower (336) in the <http://www.guide2research.com/topconf> ranking than CNSM (309). According to Google Scholar, the h5-index of MSWIM is 15 (in contrast to 23 for CNSM).

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1298_475.pdf

Other Relevant Info

Other relevant information: We would like to mention that CNSM could also fit in the category 4612 Software Engineering.

Since CNSM is the top event in our community (low acceptance ratio, high quality papers, single track, publication of extended versions of the top papers in IEEE Transactions on Network and Service Management), we believe that a CORE ranking A would be appropriate.

Thank you very much for your appreciated time and consideration. Feel free to contact us if more information would be needed.

Attachments

N/A

Proposers

First name: Filip

Last name: De Turck

Affiliation: Ghent University-imec, Belgium

Email: filip.deturck@ugent.be

First name: Raouf

Last name: Boutaba

Affiliation: Waterloo University, Canada

Email: rboutaba@uwaterloo.ca

First name: Burkhard

Last name: Stiller

Affiliation: University of Zurich

Email: stiller@ifi.uzh.ch

First name: Prosper

Last name: Chemouil

Affiliation: Orange, CNAM, France

Email: prosper.chemouil@ieee.org

Submitted By

Name: De Turck Filip

Email: filip.deturck@ugent.be