Submission data for 2023 CORE conference ranking process
ACM SIGMOBILE International Conference on Mobile Systems, Applications and Services

Lin Zhong

Introductory Questions

Conference

Title: ACM SIGMOBILE International Conference on Mobile Systems, Applications and Services
Acronym : Mobisys
Rank: B

Requested Rank

Rank: A*

Conference Details

Month: June
Publisher: ACM
Bi-annual: False
Multiconference: False
Component in a multi-conference or umbrella event: False
Colocated with other events: False
Alternative content: True
Alternative content description: Extended abstracts for posters/demos are included as well.

Proceedings Publishing Style

Proceedings Publishing: self-contained
Link to most recent proceedings: https://dl.acm.org/doi/proceedings/10.1145/3498361
Further details: ACM official page for MobiSys proceedings is here: https://dl.acm.org/conference/mobisys
MobiSys is considered the sister conference to MobiCom, which is ranked A* in CORE. These two conferences are the flag-ship conferences for ACM SigMobile.

Most Recent Years

Most Recent Year

Year: 2022
URL: https://www.sigmobile.org/mobisys/2022/
Location: Portland, OR
Papers submitted: 176
Papers published: 38
Acceptance rate: 21
Source for numbers: https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3498361

General Chairs

Name: Nirupama Bulusu
Affiliation: Portland State University
Gender: F
H Index: 40
GScholar url: https://scholar.google.com/citations?user=xpyAqbUAAAAJ&hl=en
DBLP url: https://dblp.org/pid/04/6227.html

Program Chairs

Name: Aruna Balasubramanian
Affiliation: Stony Brook University
Gender: F
H Index: 26
GScholar url: https://scholar.google.com/citations?user=qtfHsnoAAAAJ&hl=en
DBLP url: https://dblp.org/pid/35/1211.html

Name: Junehwa Song
Affiliation: KAIST
Gender: M
H Index: 39
GScholar url: https://scholar.google.com/citations?user=CatfK3MAAAAJ&hl=en
DBLP url: https://dblp.org/pid/09/2409.html

Second Most Recent Year

Year: 2021
URL: https://www.sigmobile.org/mobisys/2021/
Location: Virtual
Papers submitted: 166
Papers published: 36
Acceptance rate: 22
Source for numbers: https://www.sigmobile.org/mobisys/2021/

General Chairs

Name: Suman Banerjee
Affiliation: University of Wisconsin-Madison
Gender: M
H Index: 63
GScholar url: https://scholar.google.com/citations?user=cLb-v7gAAAAJ&hl=en
DBLP url: https://dblp.org/pid/p/SumanBanerjee.html

Program Chairs

Name: Luca Mottola
Affiliation: Politecnico di Milano, Italy and RI.SE, Sweden
Gender: M
H Index: 42
GScholar url: https://scholar.google.com/citations?user=VkFc88EAAAAJ&hl=en
DBLP url: https://dblp.org/pid/60/5205.html

Name: Xia Zhou
Affiliation: Columbia University
Gender: F
H Index: 30
GScholar url: https://scholar.google.com/citations?user=t_DFZvgAAAAJ&hl=en
DBLP url: https://dblp.org/pid/24/1975.html

Third Most Recent Year

Year: 2020
URL: https://www.sigmobile.org/mobisys/2020/
Location: Toronto, Canada (Virtual)
Papers submitted: 175
Papers published: 34
Acceptance rate: 19
Source for numbers: https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3386901

General Chairs

Name: Eyal de Lara
Affiliation: University of Toronto
Gender: M
H Index: 43
GScholar url: https://scholar.google.ca/citations?user=KfGfDvcAAAAJ&hl=en
DBLP url: https://dblp.org/pid/59/2063.html

Name: Iqbal Mohomed
Affiliation: Samsung AI Centre Toronto
Gender: M
H Index: 23
GScholar url: https://scholar.google.com/citations?user=naUR8f0AAAAJ&hl=en
DBLP url: https://dblp.org/pid/79/2797.html

Program Chairs

Name: Elizabeth M Belding
Affiliation: University of California, Santa Barbara
Gender: F
H Index: 62
GScholar url: https://scholar.google.com/citations?user=3G79TTEAAAAJ&hl=en
DBLP url: https://dblp.org/pid/b/EMBeldingRoyer.html

Name: Jason Nieh
Affiliation: Columbia University
Gender: M
H Index: 52
GScholar url: https://scholar.google.com/citations?user=UGrnqBUAAAAJ&hl=en
DBLP url: https://dblp.org/pid/n/JasonNieh.html

Policies

Chair Selection: The steering committee is in charge of selecting both general and PC chairs.
For general chair selection, the committee accepts proposals to host future MobiSys anytime of the year and regularly announces to the community, at conferences, via mail lists and social networks (Facebook/Twitter) that it is looking for proposals. The committee also actively reaches out to potential candidates and encourages them to submit proposals. The committee considers the following factors: (1) the general chairs should be senior members of the SigMobile community with leadership and organizational experience; (2) the committee tries to rotate MobiSys amongst North America, Europe and Asia; (3) how strong the local SigMobile community is; (4) the cost of attending the conference and the cost of operating the conference.
For PC chair selection, the committee annually considers mid-career active SigMobile members with the following factors: (1) the technical strength of candidates; (2) experience of serving on past MobiSys PCs; (3) publications at past MobiSys.
For both selections, the committee seeks to improve diversity and representation in terms of gender, technical area, geographical area, academia vs. industry, ethnicity.
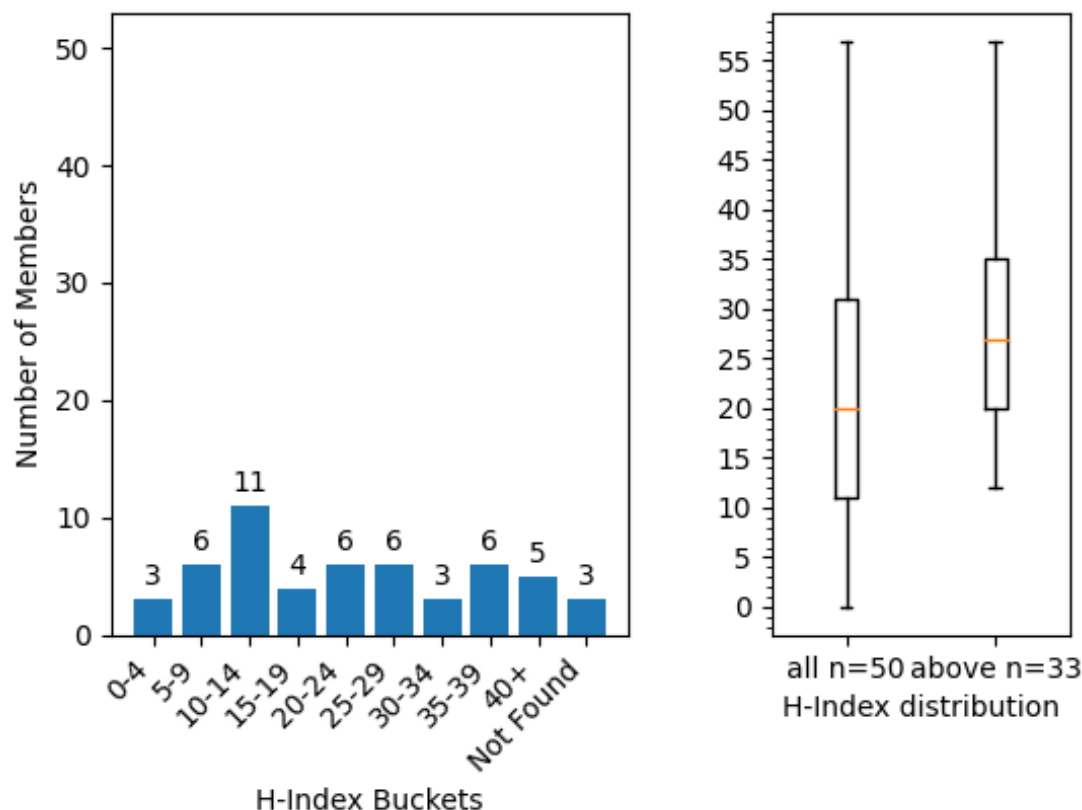No Policies.

Program Committee

Link to pc: https://www.sigmobile.org/mobisys/2023/tpc.html
File: http://portal.core.edu.au/core/media/2023/pc_members/mobisys2023pc_ZsD7ZTe.txt
H-index plot: http://portal.core.edu.au/core/media/2023/pc_graphs/higherrank_hindex_buckets_2059.png

Information contained within these graphs is derived using the Elsevier Scopus Database 2023.
Scopus h-index is generally about 30% lower than Google Scholar h-index.

Publishing of established researchers in the PC

http://portal.core.edu.au/core/media/2023/conf_submissions_clean_spc/higherrank2059_spc_report.csv
WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/DYCq6s23.txt

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1. ACM SIGMOBILE International Conference on Mobile Systems, Applications, and Services (MobiSys)
Core Rank: B

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This venue was published at 39 times by 20 of 23 individuals in the last 5+ years.

The individuals that publish at this venue are: Yunxin Liu(7), Karthik Dantu(5), Steven Y. Ko(5), Chenren Xu(4),
Joerg Widmer(4), Xia Zhou(3), Hamed Haddadi(2), Junehwa Song(2), Kate Ching-Ju Lin(2), Tadashi Okoshi(2), Yuvraj
Agarwal(2), Felix Xiaozhu Lin(1), Fengyuan Xu(1), Guoliang Xing(1), Ju Ren(1), Lu Su(1), Luca Mottola(1), Prabal
K. Dutta(1), Rijurekha Sen(1), Yuanchao Shu(1)

In 2018, there were 8 publications by 7 individuals: Chenren Xu, Karthik Dantu, Kate Ching-Ju Lin, Rijurekha Sen,
Steven Y. Ko, Xia Zhou, Yunxin Liu
In 2019, there were 7 publications by 6 individuals: Karthik Dantu, Kate Ching-Ju Lin, Luca Mottola, Steven Y. Ko,
Tadashi Okoshi, Yuanchao Shu
In 2020, there were 5 publications by 6 individuals: Felix Xiaozhu Lin, Fengyuan Xu, Hamed Haddadi, Joerg Widmer,
Karthik Dantu, Yunxin Liu
In 2021, there were 9 publications by 8 individuals: Guoliang Xing, Hamed Haddadi, Joerg Widmer, Junehwa Song,
Karthik Dantu, Lu Su, Steven Y. Ko, Yunxin Liu
In 2022, there were 10 publications by 8 individuals: Joerg Widmer, Ju Ren, Karthik Dantu, Prabal K. Dutta, Steven
Y. Ko, Xia Zhou, Yunxin Liu, Yuvraj Agarwal

20 out of the 23 individuals published at this venue in 1 or more years
7 out of the 23 individuals published at this venue in 2 or more years
4 out of the 23 individuals published at this venue in 3 or more years
3 out of the 23 individuals published at this venue in 4 or more years
1 out of the 23 individuals published at this venue in 5 or more years
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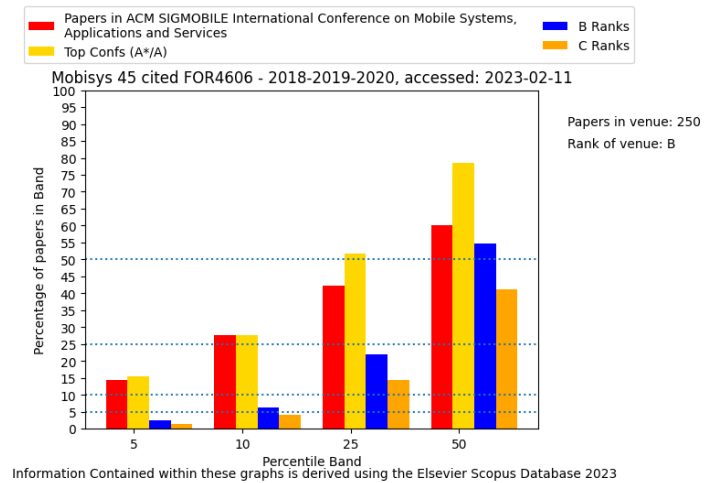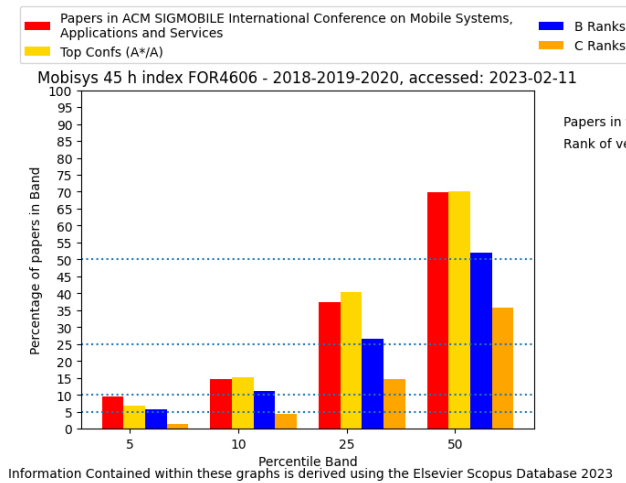
Centile graphs of paper metrics

Top People Involvement

name: Kang G. Shin
h-index: 115
Google Scholar URL: https://scholar.google.com/citations?user=vY7MdLYAAAAJ&hl=en
Justification: Fellow of ACM and IEEE; Kevin & Nancy O'Connor Professor of Computer Science, University of Michigan
Paper counts:

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

Attendance: Almost always (>80% of the time)

name: Joerg Widmer
h-index: 54
Google Scholar URL: https://scholar.google.com/citations?user=LT1_KV4AAAAJ&hl=en
Justification: Fellow of the IEEE and Distinguished Member of the ACM. Research Professor and Research Director of IMDEA Networks Institute
Paper counts:

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

Attendance: Often (50-80% of the time)

name: Lili Qiu
h-index: 63
Google Scholar URL: https://scholar.google.com/citations?user=16posrQAAAAJ&hl=en
Justification: AI Fellow, ACM Fellow, IEEE Fellow, Professor, Dept. of Computer Science, The University of Texas;
Current Chair of ACM SigMobile
Deputy Managing Director of Microsoft Research-Asia
Paper counts:

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

Attendance: Often (50-80% of the time)

name: Cecilia Mascolo
h-index: 73
Google Scholar URL: https://scholar.google.com/citations?user=Ej4BNaQAAAAJ&hl=en
Justification: Professor of Mobile Systems in the Department of Computer Science and Technology, University of Cambridge
Paper counts:

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

Attendance: Often (50-80% of the time)

name: Deepak Ganesan
h-index: 48
Google Scholar URL: https://scholar.google.com/citations?user=cbTB5-EAAAAJ&hl=en
Justification: Professor of Computer Science, UMass Amherst Fellow of ACM
Paper counts:

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

Attendance: Often (50-80% of the time)

name: Hari Balakrishnan
h-index: 126
Google Scholar URL: https://scholar.google.com/citations?user=Qf4bw4UAAAAJ&hl=en
Justification: Fellow of ACM and IEEE; Member of National Academy of Engineering, USA. Fujitsu Professor in the EECS Department at MIT
Paper counts:

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

Attendance: Sometimes (20-50% of the time)

name: Sung-Ju Lee
h-index: 54
Google Scholar URL: https://scholar.google.com/citations?user=d_DQh8IAAAAJ&hl=en
Justification: Fellow of IEEE; Distinguished Scientist of ACM Professor of Electrical Engineering, KAIST
Paper counts:

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

Attendance: Often (50-80% of the time)

name: Yunhao Liu
h-index: 90
Google Scholar URL: https://scholar.google.com/citations?user=hon00PIAAAAJ&hl=en
Justification: ACM Fellow, IEEE Fellow, CCF Fellow, Editor in Chief for ACM Transactions on Sensor Networks
ChangJiang Chair Professor and Dean Global Innovation Exchange, Tsinghua University
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	0	2	4	1

Attendance: Sometimes (20-50% of the time)

name: Ramesh Govindan
h-index: 102
Google Scholar URL: https://scholar.google.com/citations?user=ZTkRs84AAAAJ&hl=en
Justification: Fellow of the ACM and of the IEEE, a former Editor-in-Chief of the IEEE Transactions on Mobile Computing, and a Distinguished Alumnus of the Indian Institute of Technology, Madras.
Northrop Grumman Chair in Electrical and Computer Engineering and Professor of Computer Science and Electrical and Computer Engineering at University of Southern California
Paper counts:

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

Attendance: Sometimes (20-50% of the time)

name: Marco Gruteser
h-index: 62
Google Scholar URL: https://scholar.google.com/citations?user=HSPbKTAAAAAJ&hl=en
Justification: Research Scientist, Google; former P. Cherasia Scholar & Professor, Rutgers
Former Chair of ACM SIGMOBILE
Paper counts:

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

Attendance: Often (50-80% of the time)

Area Leaders publishing

Method of selection: Google Scholar Search with key words "Mobile Computing" and "Mobile Systems" and picked the top 20.
I ignored folks whose primary area is not Mobile Computing. I note that many of these people do not publish at MobiSys in the past five years but were active at MobiSys and published at MobiSys in earlier years.
Keyword: Mobile Computing, Mobile Systems

name	h-index	gscholar url
Hari Balakrishnan	126	https://scholar.google.com/citations?hl=en&user=Qf4bw4UAAAAJ
Victor Bahl	102	https://scholar.google.com/citations?hl=en&user=BBKfx4oAAAAJ
Mani Srivastava	113	https://scholar.google.com/citations?hl=en&user=X2Qs7XYAAAAJ
Mahadev Satyanarayanan	87	https://scholar.google.com/citations?hl=en&user=0y6JDD4AAAAJ
Venkata N. Padmanabhan	72	https://scholar.google.com/citations?hl=en&user=ae1ve-EAAAAJ
Andrew Campbell	88	https://scholar.google.com/citations?hl=en&user=rthco5oAAAAJ
Nigel Davies	59	https://scholar.google.com/citations?hl=en&user=EXDIpGkAAAAJ
Z Morley Mao	78	https://scholar.google.com/citations?hl=en&user=Ba_Ci9UAAAAJ
Nicholas Lane	63	https://scholar.google.com/citations?hl=en&user=IleoLUgAAAAJ
Cecilia Mascolo	73	https://scholar.google.com/citations?hl=en&user=Ej4BNaQAAAAJ
Haitao Zheng	65	https://scholar.google.com/citations?hl=en&user=XrIrOnYAAAAJ
Romit Roy Choudhury	60	https://scholar.google.com/citations?hl=en&user=dq2wG-AAAAAJ
Sung-Ju Lee	54	https://scholar.google.com/citations?hl=en&user=d_DQh8IAAAAJ
Lin Zhong	59	https://scholar.google.com/citations?hl=en&user=hJPN-G8AAAAJ
Alec Wolman	56	https://scholar.google.com/citations?hl=en&user=DVml6kMAAAAJ
Chandra Narayanaswami	53	https://scholar.google.com/citations?hl=en&user=jZUeVbcAAAAJ
Jason Flinn	42	https://scholar.google.com/citations?hl=en&user=YxGHbuMAAAAJ
Jason Nieh	53	https://scholar.google.com/citations?hl=en&user=UGrnqBUAAAAJ
Deepak Ganesan	48	https://scholar.google.com/citations?hl=en&user=cbTB5-EAAAAJ
Sharad Agarwal	42	https://scholar.google.com/citations?hl=en&user=csgUXLsAAAAJ

WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/z3mv0t9K.txt

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1. ACM SIGMOBILE International Conference on Mobile Systems, Applications, and Services (MobiSys)
Core Rank: B
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This venue was published at 36 times by 12 of 16 individuals in the last 5+ years.

The individuals that publish at this venue are: Sung-Ju Lee(12), Jason Nieh(4), Nicholas D. Lane(4), Sharad
Agarwal(4), Hari Balakrishnan(3), Deepak Ganesan(2), Z. Morley Mao(2), Alec Wolman(1), Cecilia Mascolo(1), Jason
Flinn(1), Romit Roy Choudhury(1), Victor Bahl(1)

In 2018, there were 4 publications by 2 individuals: Nicholas D. Lane, Romit Roy Choudhury
In 2019, there were 13 publications by 5 individuals: Hari Balakrishnan, Jason Flinn, Jason Nieh, Sung-Ju Lee,
Victor Bahl
In 2020, there were 4 publications by 3 individuals: Hari Balakrishnan, Sharad Agarwal, Z. Morley Mao
In 2021, there were 7 publications by 6 individuals: Alec Wolman, Cecilia Mascolo, Deepak Ganesan, Hari
Balakrishnan, Jason Nieh, Sung-Ju Lee
In 2022, there were 8 publications by 4 individuals: Deepak Ganesan, Nicholas D. Lane, Sharad Agarwal, Sung-Ju Lee

12 out of the 16 individuals published at this venue in 1 or more years
6 out of the 16 individuals published at this venue in 2 or more years
2 out of the 16 individuals published at this venue in 3 or more years
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Additional Data

Google Scholar Data

Sub-category url: https://scholar.google.com/citations?view_op=top_venues&hl=en&vq=eng_computingsystems
Position in sub-category: 20+
h5 index of 20th item in category: 42
No Google Scholar h5 index available for this conference
Potential reason for no h5 index: It seems that Google Scholar does not provide any data for MobiSys.
I did find research.com has it for MobiSys 2020: https://research.com/conference/mobisys-2020
It shows a h5 index of 44. I would imagine the h5 index for MobiSys overall would be higher than that.

Relationship to similar conferences

Partial ordering of similar conferences in the area, with argument as to where the current venue fits and why:
MobiCom currently listed as A* is a sister conference to MobiSys. Both are flag-ship conferences sponsored by ACM SIGMOBILE:
https://www.sigmobile.org/grav/publications/conference-proceedings

Other Information

Attachments

N/A

Proposers

First name: Lin
Last name: Zhong
Affiliation: Yale University
Email: lin.zhong@yale.edu

Submitted By

Name: Zhong Lin
Email: forrestzhong@gmail.com