



Submission data for 2023 CORE conference ranking process
IEEE International Conference on Blockchain and Cryptocurrency

Young Choon Lee, Salil Kanhere

Introductory Questions

Conference

Title: IEEE International Conference on Blockchain and Cryptocurrency
Acronym : ICBC

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/icbc2/index.html>

For Codes

For1: 4606
For2: 4604
For3: 4612

Conference Details

Month: May
Publisher: IEEE
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: Workshop papers

Proceedings Publishing Style

Proceedings Publishing: self-contained
Link to most recent proceedings: <https://ieeexplore.ieee.org/xpl/conhome/9805458/proceeding>
Further details: Proceedings are published in IEEE Xplore every year

Most Recent Years

Most Recent Year

Year: 2023
 URL: <https://icbc2023.ieee-icbc.org/>
 Location: Dubai UAE
 Papers submitted: 194
 Papers published: 33
 Acceptance rate: 17
 Source for numbers: <https://edas.info/chair.php?c=29908>

General Chairs

Name: Adel Ben Mnaouer Affiliation: Canadian University Dubai Gender: M H Index: 16 GScholar url: https://scholar.google.com/citations?user=1vsdRfkAAAAJ&hl=en DBLP url: https://dblp.org/pid/61/6979.html
Name: Burkhard Stiller Affiliation: University of Zürich Gender: M H Index: 27 GScholar url: DBLP url: https://dblp.org/pid/00/4292.html
Name: Fakhreddine Karray Affiliation: Mohamed bin Zayed University of Artificial Intelligence Gender: M H Index: 58 GScholar url: https://scholar.google.com/citations?user=9_Hpd5kAAAAJ&hl=en DBLP url: https://dblp.org/pid/k/FakhriKarray.html

Program Chairs

Name: Moayad Aloqaily Affiliation: Mohammad bin Zayed University of Artificial Intelligence Gender: M H Index: 41 GScholar url: https://scholar.google.com/citations?user=AuAQVVEAAAAJ&hl=en DBLP url: https://dblp.org/pid/143/1232.html
Name: Laura Ricci Affiliation: University of Pisa Gender: F H Index: 28 GScholar url: https://scholar.google.com/citations?user=ODbzAR4AAAAJ&hl=en DBLP url: https://dblp.org/pid/84/14.html
Name: Vinayaka Pandit Affiliation: IBM India Research La Gender: M H Index: 20 GScholar url: https://scholar.google.com.au/citations?user=W-HhYVvKAAAAJ&hl=en DBLP url: https://dblp.org/pid/19/6766.html

Second Most Recent Year

Year: 2022
 URL: <https://icbc2022.ieee-icbc.org/>
 Location: Virtual
 Papers submitted: 97
 Papers published: 18
 Acceptance rate: 19
 Source for numbers: <https://sites.cs.ucsb.edu/~almeroth/conf/stats/#icbc>

General Chairs

Name: Jie Li Affiliation: Shanghai Jiao Tong University Gender: M H Index: 49 G Scholar url: https://scholar.google.com/citations?user=Krl5HRcAAAAJ&hl=en DBLP url: https://dblp.org/pid/17/2703-2.html
Name: Bhaskar Krishnamachari Affiliation: University of Southern California Gender: M H Index: 82 G Scholar url: https://scholar.google.com/citations?user=JHJozAYAAAAJ&hl=en DBLP url: https://dblp.org/pid/87/2250.html
Name: Andreas Veneris Affiliation: University of Toronto Gender: M H Index: 28 G Scholar url: https://scholar.google.ca/citations?user=ItQhxCKAAAAJ&hl=en DBLP url: https://dblp.org/pid/v/AndreasGVeneris.html

Program Chairs

Name: William Knottenbelt Affiliation: Department of Computing, Imperial College, UK Gender: M H Index: 42 G Scholar url: https://scholar.google.com/citations?user=Vz8XWRoAAAAJ&hl=en DBLP url: https://dblp.org/pid/37/1901.html
Name: Shin'ichiro Matsuo Affiliation: NTT Research Inc. and Georgetown University, Japan Gender: M H Index: 15 G Scholar url: https://scholar.google.com/citations?user=foVf5eUAAAAJ&hl=en DBLP url: https://dblp.org/pid/13/4965.html
Name: My T. Thai Affiliation: University of Florida, USA Gender: F H Index: 51 G Scholar url: https://scholar.google.com/citations?user=zLLJimcAAAAJ&hl=en DBLP url: https://dblp.org/pid/63/4711.html
Name: Ming Wu Affiliation: Conflux Network, China Gender: M H Index: Not available G Scholar url: https://confluxnetwork.medium.com/ming-wu-conflux-cto-the-designs-of-blockchain-peer-to-peer-network-protocol DBLP url:

Third Most Recent Year

Year: 2021
URL: <https://icbc2021.ieee-icbc.org/>
Location: Virtual
Papers submitted: 226
Papers published: 34
Acceptance rate: 15
Source for numbers: <https://sites.cs.ucsb.edu/~almeroth/conf/stats/#icbc>

General Chairs

Name: Salil Kanhere Affiliation: UNSW, Australia Gender: M H Index: 66 G Scholar url: https://scholar.google.com/citations?user=sgqmaPMAAAAJ&hl=en DBLP url: https://dblp.org/pid/42/840.html
Name: Steve Vallas Affiliation: Blockchain Australia Gender: M H Index: Not available G Scholar url: https://www.linkedin.com/in/stevevallas/?originalSubdomain=au DBLP url: https://www.linkedin.com/in/stevevallas/?originalSubdomain=au
Name: Liming Zhu Affiliation: CSIRO, Australia Gender: M H Index: 46 G Scholar url: https://scholar.google.com/citations?user=C1zfS7wAAAAJ&hl=en DBLP url: https://dblp.org/pid/52/4318-1.html

Program Chairs

Name: Raja Jurdak Affiliation: Queensland University of Technology (QUT) Gender: M H Index: 49 G Scholar url: https://scholar.google.com.au/citations?user=n8xYIkQAAAAJ&hl=en DBLP url: https://dblp.org/pid/96/1136.html
Name: William Knottenbelt Affiliation: Imperial College London Gender: M H Index: 42 G Scholar url: https://scholar.google.com/citations?user=Vz8XWRoAAAAJ&hl=en DBLP url: https://dblp.org/pid/37/1901.html
Name: Bhaskar Krishnamachari Affiliation: University of Southern California Gender: M H Index: 82 G Scholar url: https://scholar.google.com/citations?user=JHJozAYAAAAJ&hl=en DBLP url: https://dblp.org/pid/87/2250.html

Policies

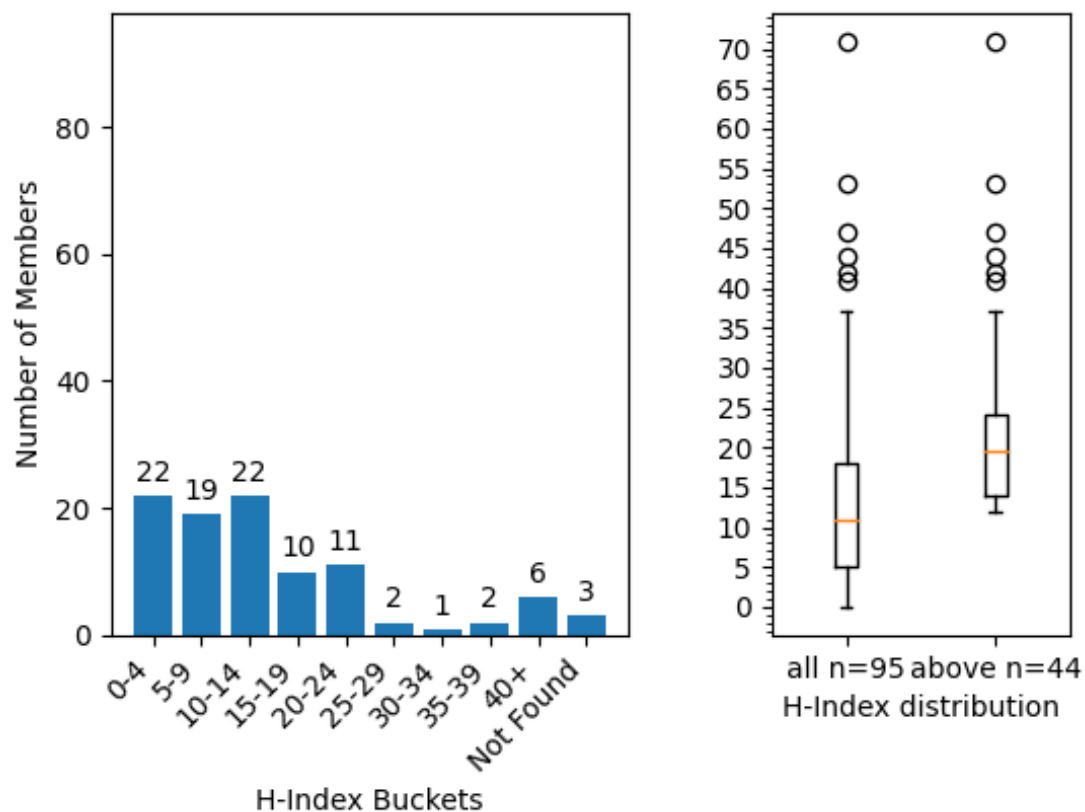
Chair Selection: 1. Research track records, such as h-index and citation count. 2. Involvement in the conference including publication, attendance, and service (e.g., TPC). 3. Experience. 4. Gender and geographic balance.

No Policies.

Program Committee

Link to pc: <https://icbc2023.ieee-icbc.org/committees/technical-program-committee>
File: http://portal.core.edu.au/core/media/2023/pc_members/icbc_PC_Fq00n6I_pE3GGG3_vI1ndkt.txt
H-index plot: http://portal.core.edu.au/core/media/2023/pc_graphs/addrank_hindex_buckets_1957.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/addrank1957_spc_report.csv

WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/VTt2K9eM.txt

1. International Conference on Blockchain (ICBC)

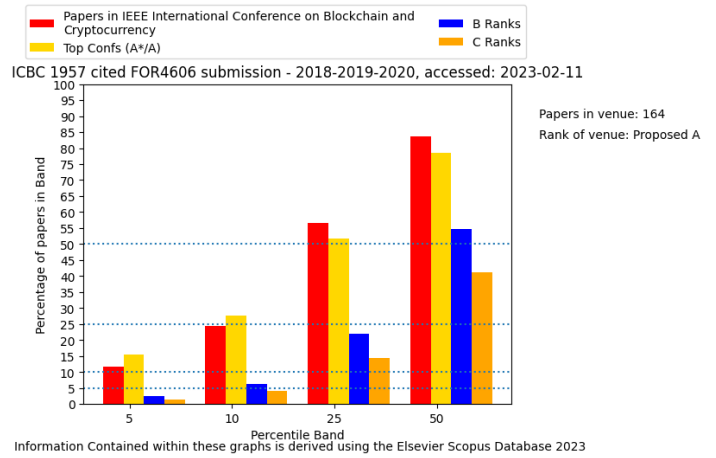
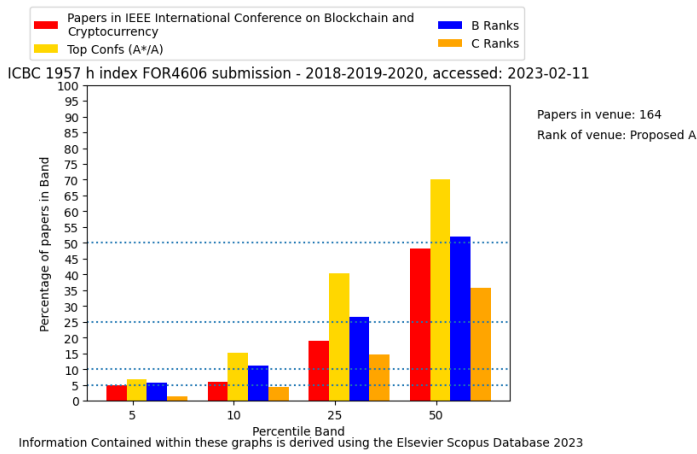
This venue was published at 1 times by 1 of 37 individuals in the last 5+ years.

The individuals that publish at this venue are: Taeho Jung(1)

In 2020, there were 1 publications by 1 individuals: Taeho Jung

1 out of the 37 individuals published at this venue in 1 or more years

Centile graphs of paper metrics



Top People Involvement

name: Burkhard Stiller

h-index: 27

Google Scholar URL: <https://dblp.org/pid/00/4292.html>

Justification: -Past Editor in Chief of Computer Networks - Editorial board member of IEEE TNSM - Has led many large EU projects - General Chair of many conferences such as IEEE CNSM, IEEE LCN, IEEE ICBC, etc. - Ex-Chair of IFIP TC6 Chair

Paper counts:

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

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

name: Stefan Tai

h-index: 34

Google Scholar URL: <https://scholar.google.com.au/citations?user=La3MQsgAAAAJ&hl=en>

Justification: - Head of Chair Information Systems Engineering at TU Berlin -Executive Director, Institute of Commercial Information Technology, TU Berlin (2020-today) <https://www.tu.berlin/en/eecs/institutions/institutes/institute-of-commercial-information-technology-and-quantitative-methods> -Director, FZI Research Center Karlsruhe, Germany (2008-2014) and Inaugural Scientific Director FZI Berlin Office (2010-2014) <https://www.fzi.de/> -Various Technical Achievement and Innovation Awards at IBM USA / IBM Research (1999-2008) -Member of Corporate Advisory and Supervisory Boards -Editorial Board Member (current appointments only): IEEE TCC, Springer BISE, Wiley Software Practice and Experience (+ other) -Invited Keynote Speaker (years 2022 and 2023 only): IEEE DAPPS/CICOSE 2022, IEEE ICBC 2023, ICBCTIS 2023 - >14 Mio. Euro in Grants for Research Projects as PI (since 2008)

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)

name: Bhaskar Krishnamachari

h-index: 82

Google Scholar URL: <https://scholar.google.com/citations?user=JHJozAYAAAAJ&hl=en>

Justification: -IEEE Fellow -In 2015, Bhaskar Krishnamachari was listed in Popular Science Magazine's "Brilliant Ten" list - In 2011, he was included in the TR-35, Technology Review Magazine's annual listing of the top 35 young innovators under the age of 35 -He has received the 2010 ASEE Terman Award, given annually to an electrical engineering educator, and the 2010 IEEE-HKN Outstanding Young Electrical and Computer Engineer Award. - He also received the USC-Mellon Award for Mentoring Graduate Students in 2008, the USC Viterbi School of Engineering Junior Faculty Research Award in 2005, and the National Science Foundation CAREER award in 2004. -From 2005-2008, he held the Philip and Cayley MacDonald Early Career Endowed Chair at USC.

Paper counts:

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

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

name: Salil Kanhere

h-index: 66

Google Scholar URL: <https://scholar.google.com/citations?user=sgqmaPMAAAJ&hl=en>

Justification: - ACM Distinguished Member - Friedrich Wilhelm Bessel Award from the Humboldt Foundation (2020) and Humboldt Foundation Fellowship (2014) - IEEE Computer Society Distinguished Visitor - ACM Distinguished Speaker - 8 Best Paper Awards - Visiting Professorship at TU Darmstadt, RWTH Aachen, I2R Singapore, Graz University of Technology, University of Zurich

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	1	3	5	2

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

name: Ori Rottenstreich

h-index: 27

Google Scholar URL: <https://scholar.google.com/citations?user=w2cRIPgAAAAJ&hl=en>

Justification: -2021 International Conference on Communication Systems and Networks (COMSNETS) Best Paper award -2020 IEEE International Conference on Blockchain and Cryptocurrency (ICBC) Best Paper award Candidate -2017 ACM Symposium on SDN Research (SOSR) Best Paper award -2013 IEEE Infocom Best Paper Runner Up award -Google European Doctoral Fellowship in computer networking (awarded annually to one student in Europe in the field) -Israel council for higher education Alon Fellowship (the most prestigious fellowship for young faculty members in Israel) -TPC member of leading conferences in the fields of networking and blockchain such as IEEE Infocom, ACM Sigmetrics, ACM Symposium on SDN Research (SOSR), SIAM Symposium on Algorithmic Principles of Computer Systems (APOCS), IEEE International Conference on Blockchain and Cryptocurrency (ICBC) and the International Conference on Financial Cryptography and Data Security (FC).

Paper counts:

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

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

name: Vinayaka Pandit

h-index: 20

Google Scholar URL: <https://scholar.google.co.in/citations?user=W-HhYVAAAAJ&hl=en&oi=ao>

Justification: -Appointed as Senior Technical Staff Member (highest non-executive technical appointment in the company) -Strategy Leader for Blockchain Research at IBM Research which is a leading enterprise blockchain research organization -Co-chair, Technical Program Committee, IEEE ICBC 2023 (<https://icbc2023.ieee-icbc.org/committees/organizing-committee>) -Co-chair, Technical Program Committee, IEEE SERVICES Blockchain, 2021 -Co-Chair, Organizing Committee, COMADS 2011 (https://www.cse.iitb.ac.in/~comad/2011/index.php_option=com_content&view=article&id=2&Itemid=2)

Paper counts:

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

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

name: James Won-Ki Hong

h-index: 39

Google Scholar URL: https://scholar.google.com/citations?user=xmjM_WoAAAAJ&hl=en

Justification: 1. Founder and General Chair of IEEE ICBC 2019 <https://icbc2019.ieee-icbc.org/committee/index.html> 2. Steering Committee Chair of IEEE ICBC (2020 – present) <https://icbc2020.ieee-icbc.org/committee/steering-committee.html> 3. Editor-in-Chief, International Journal of Network Management (2014.3 – present) <https://onlinelibrary.wiley.com/journal/10991190> 4. Director, Center for Crypto Blockchain Research, (2020.2 – present) <https://ccbr.postech.ac.kr/> 5. CTO & Senior Executive Vice President of KT (Korea Telecom) (2012.3 - 2014.2) https://en.wikipedia.org/wiki/James_Won-Ki_Hong 6. Recipient of Dan Stokesberry Award (2013) <https://cnom.committees.comsoc.org/about-cnom/awards/> 7. Editorial board members of TNSM, JNSM

Paper counts:

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

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

name: Andreas Veneris

h-index: 28

Google Scholar URL: <https://scholar.google.ca/citations?user=ItQhxCKAAAAJ&hl=en>

Justification: - Connaught Scholar at the University of Toronto - In 2020-21, the Bank of Canada commissioned me to co-author a technical, legal and economic report on Canada's candidate digital currency. This report for a Central Bank Digital Loonie can be found here - https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3770024 - In 2021, I was honoured to be allowed to comment on a classified report by the Hoover Institution, edited by Darrell Duffie & Elizabeth Economy, prefaced by Condoleezza Rice, and co-authored by an extensive list of prominent world-thinkers. This report, released March 1, 2022, and titled "Digital Currencies: The US, China, And The World At A Crossroads" can be found here:

<https://www.hoover.org/research/digital-currencies-us-china-and-world-crossroads> -At ASP-DAC 2014 I received a "Ten Year Retrospective Most Influential Paper" award - In 2013 I was nominated for the Bower Award and Price in Science by Turing Award recipient Prof. Stephen Cook for contributions in verification. - IBM Faculty Award - I am currently an Associate Editor of the IEEE Trans. on Network and Service Management, and a member of the Steering Committee for the IEEE Int'l Conference on Blockchain and Cryptocurrency, and IEEE Conference on Blockchain Research & Applications for Innovative Networks and Services.

Paper counts:

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

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

name: Radu State

h-index: 34

Google Scholar URL: <https://0-scholar-google-com.brum.beds.ac.uk/citations?user=8OrMcAUAAAAJ>

Justification: - Head of SEDAN (Service and Data Management in Distributed Systems) research group, University of Luxembourg (SNT)
 - Lead many EU projects - Served on Organising Committee of many conferences

Paper counts:

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

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

name: Raja Jurdak

h-index: 49

Google Scholar URL: <https://scholar.google.com/citations?hl=en&user=n8xYIkQAAAAJ>

Justification: -IEEE Computer Society Distinguished Visitor -TPC Co-Chair of IEEE ICBC 2021 -Three authored books (2007, 2020, 2023) -Founder and Leader of Distributed Sensing Systems Group, CSIRO (2011-2019) -Endeavour Executive Award, 2011 CSIRO Medal for Environmental Achievement, 2011 -Editorial Board Member, Ad Hoc Networks, Scientific Reports (current)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
5	2	2	2	1

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

Area Leaders publishing

Method of selection: We searched in Google Scholar using the keyword "Blockchain". We eliminated some researchers who appear in the search but have only published a handful (<10) of papers on this topic.

Keyword: blockchain

name	h-index	gscholar url
Craig Gentry	70	https://scholar.google.com/citations?hl=en&user=Zl1zcYcAAAAJ
Juan M. Corchado	114	https://scholar.google.com/citations?hl=en&user=j7syrrnkAAAAJ
Yan Zhang	101	https://scholar.google.com/citations?hl=en&user=-gahn9AAAAAJ
Bhaskar Krishnamachari	82	https://scholar.google.com/citations?hl=en&user=JHJozAYAAAAJ
Kim-Kwang Raymond Choo	105	https://scholar.google.com/citations?hl=en&user=rRBNI6AAAAAJ
Maurice Herlihy	75	https://scholar.google.com/citations?hl=en&user=Ezrt3pkAAAAJ
Bart Preneel	87	https://scholar.google.com/citations?hl=en&user=omio-RsAAAAAJ
Zibing Zheng	78	https://scholar.google.com/citations?hl=en&user=zWnsNrKAAAAJ
Mary Lacity	63	https://scholar.google.com/citations?hl=en&user=jS4lsI8AAAAAJ
Yang Xiang	71	https://scholar.google.com/citations?hl=en&user=7ymTWY4AAAAAJ
Salil Kanhere	66	https://scholar.google.com/citations?hl=en&user=sgqmaPMAAAAAJ
Kemal Akkaya	51	https://scholar.google.com/citations?hl=en&user=63HyXSkAAAAAJ
Xiuzhen Cheng	64	https://scholar.google.com/citations?hl=en&user=01yGhHOAAAAAJ
Fred Douglass	62	https://scholar.google.com/citations?hl=en&user=bhK5f2MAAAAAJ
Andrew Miller	43	https://scholar.google.com/citations?hl=en&user=Nv2jil0AAAAAJ
Debiao He	68	https://scholar.google.com/citations?hl=en&user=-ykV7IqAAAAAJ
C. Mohan	71	https://scholar.google.com/citations?hl=en&user=D5K6DDcAAAAAJ
Jong Hyuk Park	49	https://scholar.google.com/citations?hl=en&user=IshTErgAAAAAJ
Khaled Salah	56	https://scholar.google.com/citations?hl=en&user=s2X97uIAAAAAAJ
Alex Biryukov	55	https://scholar.google.com/citations?hl=en&user=tP5rH0wAAAAAJ
Raja Jurdak	49	https://scholar.google.com/citations?hl=en&user=n8xYIkQAAAAAJ
Joseph Liu	64	https://scholar.google.com/citations?hl=en&user=GGe9ON8AAAAAJ
Liming Zhu	46	https://scholar.google.com/citations?hl=en&user=C1zfS7wAAAAAJ
J Leon Zhao	45	https://scholar.google.com/citations?hl=en&user=qCyjuogAAAAAJ
Philipp Sandner	33	https://scholar.google.com/citations?hl=en&user=jNacU6wAAAAAJ
Ingo Weber	43	https://scholar.google.com/citations?hl=en&user=uZP6cXwAAAAAJ

WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/V3pBWPsl.txt

4. International Conference on Blockchain (ICBC)

This venue was published at 2 times by 1 of 18 individuals in the last 5+ years.

The individuals that publish at this venue are: Ingo Weber(2)

In 2018, there were 1 publications by 1 individuals: Ingo Weber

In 2019, there were 1 publications by 1 individuals: Ingo Weber

1 out of the 18 individuals published at this venue in 2 or more years

Additional Data

Google Scholar Data

Sub-category url:

https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_computersecuritycryptography

Position in sub-category: 20+

h5 index of 20th item in category: 33

h5 index for this conference: 21

Relationship to similar conferences

Partial ordering of similar conferences in the area, with argument as to where the current venue fits and why:

ICBC is one of the first conferences to emerge that exclusively focuses on blockchain and cryptocurrency. Some other conferences with a broader scope such as ICDCS (CORE:A) and some security conferences such as NDSS (CORE:A*), Usenix (CORE:A*), S&P (CORE:A*), CCS (CORE:A*), ESORICS (CORE:A), AsiaCCS (CORE:A), will feature papers on security aspects of blockchain.

A few other blockchain conferences have emerged such as IEEE Blockchain, IEEE International Conference on Decentralized Applications and Infrastructures (DAPPS, Workshop on Blockchain theory and Applications (BRAIN), and International Conference on Blockchain Computing and Applications (BCCA). However, none feature papers of the same quality as ICBC, which is far more selective than these other conferences.

Other Information

Other Relevant Info

Other relevant information: ICBC has featured some of the top names in the field as keynote speakers. Examples include: - Grigore Rosu, University of Illinois at Urbana Champaign (2019) - Sachiko Yoshihama, IBM Research (2019) - Vitalik Buterin, Ethereum Founder (2020) - Dinesh Shah, Director, Bank of Canada (2020) - Christian Catalini, MIT (2020) - Silvio Micali, MIT (2021) - Darrell Duffie, Stanford University (2021) - Dawn Song, UC Berkeley (2022) - Eswar Prasad, Cornell University (2022)

Attachments

N/A

Proposers

First name: Young Choon

Last name: Lee

Affiliation: Macquarie University

Email: young.lee@mq.edu.au

First name: Salil

Last name: Kanhere

Affiliation: UNW Sydney

Email: salil.kanhere@unsw.edu.au

Submitted By

Name: Kanhere Salil

Email: salil.kanhere@unsw.edu.au