



**Submission data for 2023 CORE conference ranking process
International Conference on Availability, Reliability and Security**

Bettina Jaber, Edgar Weippl

Introductory Questions

Conference

Title: International Conference on Availability, Reliability and Security
Acronym : ARES
Rank: B

Requested Rank

Rank: A

Conference Details

Month: August
Publisher: ACM ICPS
Bi-annual: False
Multiconference: False
Component in a multi-conference or umbrella event: False
Colocated with other events: True
Colocated event description: International IFIP Cross Domain (CD) Conference for Machine Learning & Knowledge Extraction (MAKE) - CD-MAKE
Event relationship description: joint local organization, before it became a separate conference it was a workshop that was located with ARES
Alternative content: True
Alternative content description: short papers, SoK papers, accepted papers of the workshops and European Projects Symposium workshops

Proceedings Publishing Style

Proceedings Publishing: series
Link to most recent proceedings: <https://dl.acm.org/conference/ares>
Further details: publishing with ACM ICPS for 2023 has been confirmed. Proceedings will be published in August 2023
2017- 2022 the proceedings have been published with ACM ICPS
before 2017 the proceedings have been published with IEEE

Most Recent Years

Most Recent Year

Year: 2022
URL: <https://2022.ares-conference.eu/>
Location: Vienna, Austria
Papers submitted: 115
Papers published: 25
Acceptance rate: 22
Source for numbers: <https://2022.ares-conference.eu/>

General Chairs

Name: Edgar Weippl
Affiliation: SBA Research & University of Vienna, Austria
Gender: M
H Index: 46
GScholar url: <https://scholar.google.at/citations?user=YU1wAV0AAAAJ&hl=de>
DBLP url: <https://dblp.org/pid/w/EdgarRWeippl.html>

Program Chairs

Name: Dominik Engel
Affiliation: Salzburg University of Applied Sciences, Austria
Gender: M
H Index: 25
GScholar url: <https://scholar.google.com/citations?user=vbczhIkAAAAJ&hl=de>
DBLP url: <https://dblp.org/pid/95/6803.html>

Name: Mathias Fischer
Affiliation: University of Hamburg, Germany
Gender: M
H Index: 17
GScholar url: <https://scholar.google.de/citations?user=y1v6sdAAAAJ&hl=de>
DBLP url: <https://dblp.org/pid/76/3402-1.html>

Second Most Recent Year

Year: 2021
URL: <https://2021.ares-conference.eu/>
Location: Virtual Conference (Zoom)
Papers submitted: 118
Papers published: 24
Acceptance rate: 20
Source for numbers: <https://2021.ares-conference.eu/>

General Chairs

Name: Edgar Weippl
Affiliation: SBA Research & University of Vienna, Austria
Gender: M
H Index: 46
GScholar url: <https://scholar.google.at/citations?user=YU1wAV0AAAAJ&hl=de>
DBLP url: <https://dblp.org/pid/w/EdgarRWeippl.html>

Program Chairs

Name: Delphine Reinhardt
Affiliation: University of Göttingen, Germany
Gender: F
H Index: 19
GScholar url: <https://scholar.google.at/citations?user=EgijLUMAAAAJ&hl=de&oi=ao>
DBLP url: <https://dblp.org/pid/60/7821.html>

Name: Tilo Müller
Affiliation: Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
Gender: M
H Index: 25
GScholar url: https://scholar.google.de/citations?user=v_80o5gAAAAJ&hl=de
DBLP url: <https://dblp.org/pid/08/7968.html>

Third Most Recent Year

Year: 2020
URL: <https://2020.ares-conference.eu/>
Location: Virtual Conference (Zoom)
Papers submitted: 126
Papers published: 27
Acceptance rate: 21
Source for numbers: <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3407023>

General Chairs

Name: Edgar Weippl
Affiliation: SBA Research & University of Vienna, Austria
Gender: M
H Index: 46
GScholar url: <https://scholar.google.at/citations?user=YU1wAV0AAAAJ&hl=de>
DBLP url: <https://dblp.org/pid/w/EdgarRWeippl.html>

Program Chairs

Name: Melanie Volkamer
Affiliation: KASTEL, Karlsruhe Institute of Technology, Germany
Gender: F
H Index: 32
GScholar url: <https://scholar.google.at/citations?user=veOUJIEAAAAJ&hl=de>
DBLP url: <https://dblp.org/pid/v/MelanieVolkamer.html>

Name: Christian Wressnegger
Affiliation: KASTEL, Karlsruhe Institute of Technology, Germany
Gender: M
H Index: 17
GScholar url: <https://scholar.google.de/citations?user=GTiPndkAAAAJ&hl=de>
DBLP url: <https://dblp.org/pid/136/8406.html>

Policies

Chair Selection: Chairs are selected by the Steering Committee

Policy name: Code of Conduct

Policy url: <https://2022.ares-conference.eu/conference-2022-2/code-of-conduct/index.html>

Policy name: Submissions are all scanned with a plagiarism check before review

Policy url: <https://www.ares-conference.eu/submission/>

Program Committee

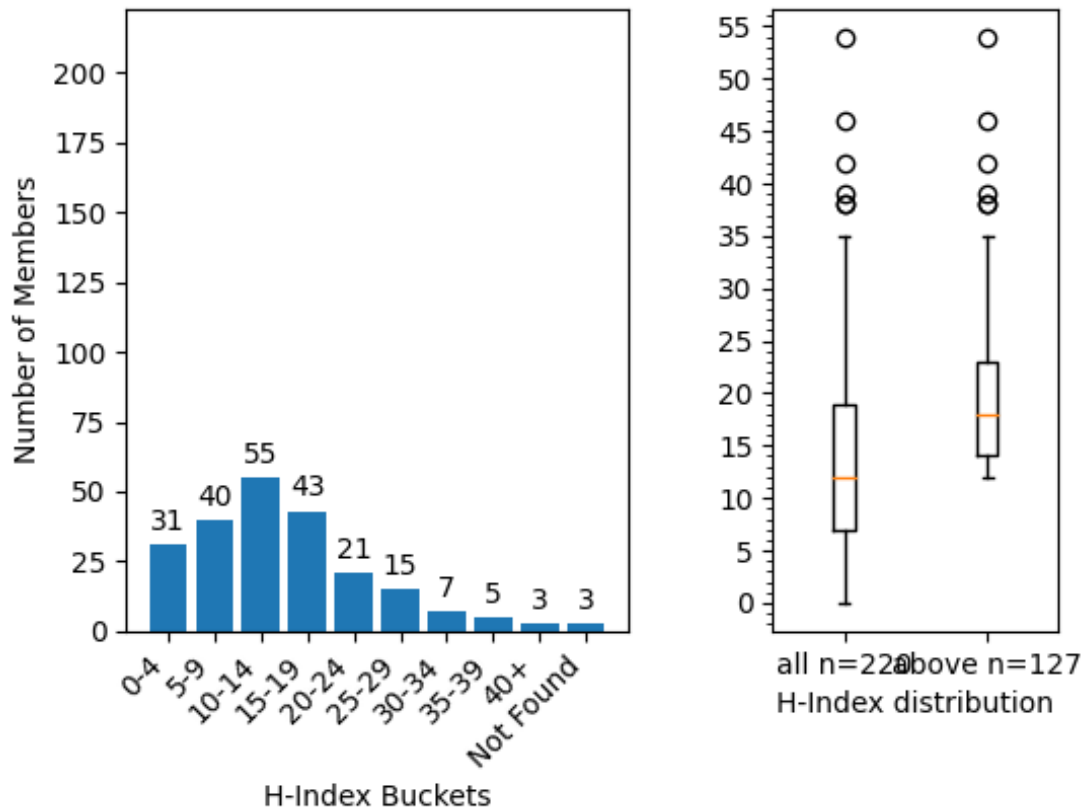
Link to pc: <https://www.ares-conference.eu/committee/>

File: http://portal.core.edu.au/core/media/2023/pc_members/ARES_PC_2023_COREv3_1YT53N5.txt

H-index plot: http://portal.core.edu.au/core/media/2023/pc_graphs/higherrank_hindex_buckets_2078.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/higherrank2078_spc_report.csv

WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/4XEunb9P.txt

1. International Conference on Availability, Reliability and Security (ARES)

 This venue was published at 108 times by 38 of 106 individuals in the last 5+ years.

The individuals that publish at this venue are: Wojciech Mazurczyk(21), Luca Caviglione(10), Christos K. Xenakis(8), Lukas Malina(7), Nora Cuppens-Boulahia(6), Gunther Pernul(5), Olivier Blazy(5), Elias Bou-Harb(4), Francesco Mercaldo(4), Hannes Federrath(4), Mark Scanlon(4), Antonella Santone(3), Farkhund Iqbal(3), Martin Gilje Jaatun(3), Melanie Volkamer(3), Nicola Zannone(3), Corrado Aaron Visaggio(2), Daniele Sgandurra(2), Fabio Massacci(2), Joaquin Garcia 0001(2), Martin Johns(2), Umberto Villano(2), Abdelkarim Erradi(1), Andrea Di Sorbo(1), Battista Biggio(1), Bogdan Groza(1), Christian Doerr(1), Christian Wressnegger(1), Francesco Buccafurri(1), Gabriele Lenzini(1), Gianluca Stringhini(1), Haralambos Mouratidis(1), Khaled Bashir Shaban(1), Konstantinos Markantonakis(1), Magnus Almgren(1), Nathan L. Clarke(1), Peter Kieseberg(1), Shujun Li(1)

In 2018, there were 18 publications by 14 individuals: Andrea Di Sorbo, Corrado Aaron Visaggio, Elias Bou-Harb, Francesco Mercaldo, Joaquin Garcia 0001, Lukas Malina, Mark Scanlon, Martin Gilje Jaatun, Martin Johns, Melanie Volkamer, Nathan L. Clarke, Nora Cuppens-Boulahia, Olivier Blazy, Wojciech Mazurczyk

In 2019, there were 22 publications by 18 individuals: Abdelkarim Erradi, Bogdan Groza, Christian Wressnegger, Elias Bou-Harb, Farkhund Iqbal, Francesco Buccafurri, Gunther Pernul, Khaled Bashir Shaban, Konstantinos Markantonakis, Luca Caviglione, Lukas Malina, Mark Scanlon, Martin Gilje Jaatun, Martin Johns, Nora Cuppens-Boulahia, Olivier Blazy, Shujun Li, Wojciech Mazurczyk

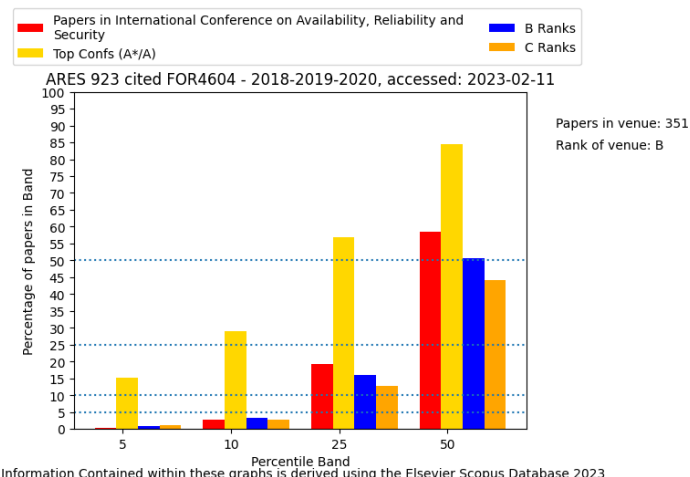
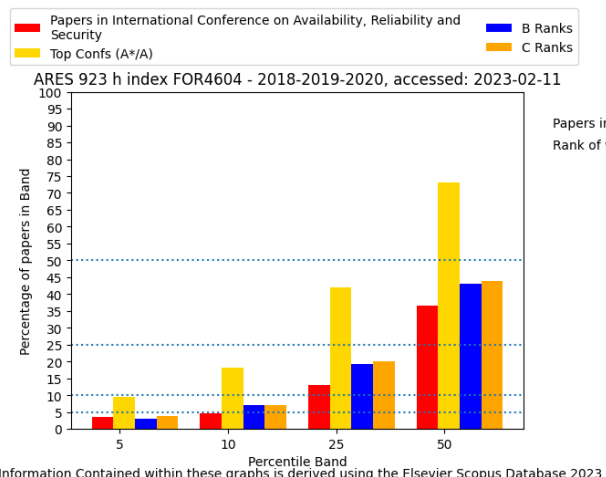
In 2020, there were 18 publications by 13 individuals: Antonella Santone, Christian Doerr, Daniele Sgandurra, Farkhund Iqbal, Francesco Mercaldo, Gunther Pernul, Hannes Federrath, Joaquin Garcia 0001, Luca Caviglione, Mark Scanlon, Nicola Zannone, Umberto Villano, Wojciech Mazurczyk

In 2021, there were 22 publications by 14 individuals: Antonella Santone, Christos K. Xenakis, Daniele Sgandurra, Francesco Mercaldo, Gabriele Lenzini, Hannes Federrath, Haralambos Mouratidis, Luca Caviglione, Lukas Malina, Magnus Almgren, Nicola Zannone, Olivier Blazy, Peter Kieseberg, Wojciech Mazurczyk

In 2022, there were 28 publications by 16 individuals: Antonella Santone, Battista Biggio, Christos K. Xenakis, Corrado Aaron Visaggio, Elias Bou-Harb, Fabio Massacci, Francesco Mercaldo, Gianluca Stringhini, Gunther Pernul, Hannes Federrath, Luca Caviglione, Lukas Malina, Melanie Volkamer, Nora Cuppens-Boulahia, Umberto Villano, Wojciech Mazurczyk

38 out of the 106 individuals published at this venue in 1 or more years
 21 out of the 106 individuals published at this venue in 2 or more years
 11 out of the 106 individuals published at this venue in 3 or more years
 4 out of the 106 individuals published at this venue in 4 or more years
 1 out of the 106 individuals published at this venue in 5 or more years

Centile graphs of paper metrics



Top People Involvement

name: Pierangela Samarati

h-index: 75

Google Scholar URL: <https://scholar.google.at/citations?hl=de&user=nAGXeFkAAAAJ>

Justification: <https://samarati.di.unimi.it/cv>

Steering Committee member of ARES since 2019 <https://www.ares-conference.eu/committee/>

Paper counts:

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

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

name: A Min Tjoa

h-index: 40

Google Scholar URL: <https://scholar.google.at/citations?user=x8qCMhcAAAAJ&hl=en>

Justification: A Min is executive chairperson of SBA Research and full professor at TU Wien (Vienna University of Technology).

<https://www.sba-research.org/team/a-min-tjoa/> <https://informatics.tuwien.ac.at/people/a-tjoa>

Founder of the ARES conference

In 2022 he received the Austrian Decoration of Honor

<https://www.sba-research.org/2022/08/02/a-min-tjoa-receives-austrian-decoration-of-honor/>

<https://informatics.tuwien.ac.at/news/2259>

Since 2008, he has been the Austrian delegate for the United Nations Commission on Science and Technology for Development (CSTD)

<https://unctad.org/topic/commission-on-science-and-technology-for-development>

He has published more than 200 peer-reviewed articles: <https://dblp.uni-trier.de/pid/t/AMinTjoa.html>

<https://scholar.google.at/citations?user=x8qCMhcAAAAJ&hl=en>

Paper counts:

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

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

name: Wojciech Mazurczyk

h-index: 37

Google Scholar URL: <https://scholar.google.at/citations?hl=de&user=Zm9F098AAAAJ>

Justification: <http://mazurczyk.com/>

<https://staff.elka.pw.edu.pl/~wmazurc1/index.html>
<https://www.researchgate.net/profile/Wojciech-Mazurczyk/6>
 Serving as workshop chair for 2 workshops (CUING, ENS) at ARES since 2016
<https://www.ares-conference.eu/workshops/cuing-2023/>
<https://www.ares-conference.eu/workshops-eu-symposium/ens-2023/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
4	4	4	4	5

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

name: Günther Pernul

h-index: 36

Google Scholar URL: <https://scholar.google.at/citations?hl=de&user=Is7RRWYAAAAJ>

Justification:

<https://www.uni-regensburg.de/informatik-data-science/wi-pernul/team/prof-dr-guenther-pernul/index.html>

Chair of Information Systems at University of Regensburg, Germany

<https://www.uni-regensburg.de/informatik-data-science/wi-pernul/startseite/index.html>

Paper counts:

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

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

name: Steffen Wendzel

h-index: 22

Google Scholar URL: <https://scholar.google.com/citations?user=DZqkZ1IAAAAJ&hl=en>

Justification: <https://www.wendzel.de/>

Served as workshop chair for IWSMR at ARES 2019-2022 <https://2022.ares-conference.eu/workshops/iwsmr-2022/index.html>

Paper counts:

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

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

name: Elias Bou-Harb

h-index: 28

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

Justification: Director of the Cyber Center for Security and Analytics at the University of Texas at San Antonio (UTSA), USA

<https://business.utsa.edu/faculty/elias-bou-harb-ph-d/>

long-term ARES author and program committee member

Paper counts:

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

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

name: Mathias Fischer

h-index: 17

Google Scholar URL: <https://scholar.google.com/citations?hl=de&user=y1v6sdAAAAAJ>

Justification: Steering Committee member of ARES since 2019 <https://www.ares-conference.eu/committee/>

Served as PC Chair of ARES 2017 & 2022 and general chair of ARES 2018 served as workshop chair for IEEE Euro S&P 2021

<https://www.ieee-security.org/TC/EuroSP2021/committee-organizing.html>

<https://www.ares-conference.eu/ares2017/committee/index.html> <https://2022.ares-conference.eu/committee/index.html>

<https://2018.ares-conference.eu/committee/index.html>

Professor at the University of Hamburg, Germany: <https://www.inf.uni-hamburg.de/en/inst/ab/net/team/fischer.html>

filed 2 patents: <https://www.linkedin.com/in/mathias-fischer-a44b8756/?originalSubdomain=de>

Paper counts:

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

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

name: Corrado Aaron Visaggio

h-index: 39

Google Scholar URL: <https://scholar.google.at/citations?hl=de&user=bNMLhsIAAAAJ>

Justification: Chief Scientist Officer Chief Scientist Officer at Defence Tech Holding SpA, Italy

<https://www.defencetech.it/en/management/>

since 2017 Associate Professor Associate Professor, University of Sannio, Italy <https://www.unisannio.it/it/users/visaggio>

General Chair of ARES 2023 <https://www.ares-conference.eu/committee/> PC member of ARES since 2015

Paper counts:

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

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

name: Edgar Weippl

h-index: 46

Google Scholar URL: <https://scholar.google.com/citations?user=YU1wAVOAAAAJ&hl=en>

Justification: research director of SBA Research, Austria and full professor at the University of Vienna, Austria Vice Dean of the Faculty of Computer Sciences at the University of Vienna, Austria <https://www.sba-research.org/team/edgar-weippl/>
<https://ufind.univie.ac.at/en/person.html?id=83163>

Is steering committee chair person and involved in the organization of the ARES conference: <https://www.ares-conference.eu/>

Edgar is member of the editorial board of Computers & Security (COSE),

<https://www.sciencedirect.com/journal/computers-and-security/about/editorial-board>

Edgar served as General Chair of IEEE Euro S&P 2021, General Chair of SACMAT 2015, PC Chair of ESORICS 2015, General Chair of ACM CCS 2016, and PC Chair of ACM SACMAT 2017.

<https://www.ieee-security.org/TC/EuroSP2021/committee-organizing.html>

<https://esorics2015.sba-research.org/committee/> <http://www.sacmat.org/2015/officers.php>

<https://www.sigsac.org/ccs/CCS2016/index.html> <http://www.sacmat.org/2017/index.php>

Further he will serve as General Chair of IEEE Euro S&P 2024 (website not online yet)

Paper counts:

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

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

name: Shujin Li

h-index: 49

Google Scholar URL: <https://scholar.google.co.uk/citations?user=2DNYP3EAAAAJ&hl=en>

Justification: Professor of Cyber Security Director of the Institute of Cyber Security for Society (iCSS), University of Kent, UK

<https://www.kent.ac.uk/computing/people/3162/li-shujun>

Steering Committee member of ARES since 2019 <https://www.ares-conference.eu/committee/> PC member of ARES since 2015

He served as general chair of ARES 2019 <https://2019.ares-conference.eu/committee/index.html>

Further information: <http://www.hooklee.com/>

Paper counts:

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

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

Area Leaders publishing

Method of selection: The names have been suggested by members of the steering committee when asked "who are important security researchers that know the research community not only in the US but also in Europe?"

	name	h-index	gscholar url
Keyword:	Chris Krügel	110	https://scholar.google.at/citations?user=fONoTCOAAAAJ&hl=de&oi=ao
	Engin Kirda	73	https://scholar.google.at/citations?user=AHh8JssAAAAJ&hl=de&oi=ao
	Günther Pernul	36	https://scholar.google.at/citations?user=Is7RRWYAAAAJ&hl=de&oi=ao
	Melanie Volkamer	32	https://scholar.google.at/citations?user=veOUJIEAAAAJ&hl=de&oi=ao
	Romain Laborde	17	https://scholar.google.at/citations?user=1pJCzucAAAAJ&hl=de&oi=ao
	Katharina Krombholz	20	https://scholar.google.at/citations?user=BkeawyUAAAAJ&hl=de&oi=ao
	Bernhard Haslhofer	28	https://scholar.google.at/citations?user=15K0uBUAAAAJ&hl=de&oi=ao
	Steven Furnell	61	https://scholar.google.at/citations?user=Wp9EpxAAAAJ&hl=de&oi=ao
	Elisa Bertino	108	https://scholar.google.at/citations?user=EfuT9RoAAAAJ&hl=de&oi=ao
	Alfred Taudes	17	https://scholar.google.at/citations?user=7ZJEusUAAAAJ&hl=de&oi=ao
	Pierangela Samarati	75	https://scholar.google.at/citations?user=nAGXeFkAAAAJ&hl=de&oi=ao
	Matteo Maffei	36	https://scholar.google.at/citations?user=WWM2IcAAAAJ&hl=de&oi=ao
	Stefan Katzenbeisser	51	https://scholar.google.at/citations?user=fyvfyjyAAAAJ&hl=de&oi=ao
	Volkmar Lotz	16	https://scholar.google.at/citations?user=iHZ4F7sAAAAJ&hl=de&oi=ao
	Davide Balzarotti	53	https://scholar.google.at/citations?user=ZhQOCxsAAAAJ&hl=de&oi=ao
	Isao Echizen	28	https://scholar.google.at/citations?user=RduUnVIAAAAAJ&hl=de&oi=ao
	Stefanie Teufel	17	https://scholar.google.at/citations?user=5L5ZJ-4AAAAJ&hl=de&oi=ao
	Bart Preneel	87	https://scholar.google.at/citations?user=omio-RsAAAAJ&hl=de&oi=ao
Dominik Herrmann	20	https://scholar.google.at/citations?user=w-eFigUAAAAJ&hl=de&oi=ao	
Mark Strembeck	28	https://scholar.google.at/citations?user=fqeR43gAAAAJ&hl=de&oi=ao	
Edgar Weippl	46	https://scholar.google.at/citations?user=YU1wAVOAAAAJ&hl=de	

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

5. International Conference on Availability, Reliability and Security (ARES)

This venue was published at 16 times by 6 of 18 individuals in the last 5+ years.

The individuals that publish at this venue are: Gunther Pernul(5), Dominik Herrmann(3), Edgar R. Weippl(3), Melanie Volkamer(3), Engin Kirda(1), Isao Echizen(1)

In 2018, there were 3 publications by 3 individuals: Edgar R. Weippl, Isao Echizen, Melanie Volkamer
In 2019, there were 1 publications by 1 individuals: Gunther Pernul
In 2020, there were 3 publications by 2 individuals: Dominik Herrmann, Gunther Pernul
In 2021, there were 4 publications by 3 individuals: Dominik Herrmann, Edgar R. Weippl, Engin Kirda
In 2022, there were 5 publications by 3 individuals: Edgar R. Weippl, Gunther Pernul, Melanie Volkamer

6 out of the 18 individuals published at this venue in 1 or more years
4 out of the 18 individuals published at this venue in 2 or more years
2 out of the 18 individuals published at this venue in 3 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: 30

Relationship to similar conferences

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

IEEE S&P - stronger, A* ACM CCS - stronger, A* USENIX Sec - stronger, A* NDSS - stronger, A* ESORICS - comparable, A IEEE Euro S&P - comparable, A AsiaCCS - comparable, A

breadth & focus of the above stated conferences is comparable to ARES

Financial Crypto – comparable, A; more focused than ARES (specialized on Blockchain)

USENIX, IEEE S&P, NDSS & ACM CCS have more US target group focus, ARES has a European target group focus.

USENIX, IEEE S&P, NDSS & ACM CCS are stronger than ARES and have higher quality, because they are not only ranked as A* but are also the overall top 4 conferences in this field.

Other Information

Other Relevant Info

Other relevant information: we are happy to provide you with an Excel file with further details on the PC such as links to Google Scholar and Scopus for each person.

Attachments

http://portal.core.edu.au/core/media/2023/request_attachment/Introduction_to_the_International_Conference_on_Availability_Rel_UdtJ2Wz.pdf

Proposers

First name: Bettina

Last name: Jaber

Affiliation: SBA Research, Austria

Email: ares@sba-research.org

First name: Edgar

Last name: Weippl

Affiliation: University of Vienna

Email: edgar.weippl@univie.ac.at

Submitted By

Name: Jaber Bettina

Email: bjaber@sba-research.org