**Submission data for 2023 CORE conference ranking process**
**ACM/IFIP/USENIX International Middleware Conference**

Hans-Arno Jacobsen

**Introductory Questions**

**Conference**

Title: ACM/IFIP/USENIX International Middleware Conference
Acronym : Middleware
Rank: A

**Requested Rank**

Rank: A*

**Conference Details**

Month: December
Publisher: ACM
Bi-annual: False
Multiconference: False
Component in a multi-conference or umbrella event: False
Colocated with other events: True
Colocated event description: Usually many workshops, e.g., 19 workshops (over many years) are listed on the DBLP page (some workshops have re-occured frequently such as the Reflexive Middleware Workshops and the Serverless Workshops.)
Event relationship description: Middleware hosts workshops, tutorials and a doctoral symposium, typically.
Alternative content: True
Alternative content description: A companion proceedings contains non-main research track papers including industry papers are sometimes included separate from the main research track. The distinction between main research track and other tracks is unambiguous.

**Proceedings Publishing Style**

Proceedings Publishing: self-contained
Link to most recent proceedings: https://dl.acm.org/conference/middleware/proceedings
Further details: Initially, for about 10 years, Middleware published the conference research papers with Springer LNCS and then moved to ACM as the publisher (for about 10 years now). When initially publishing with Springer, Middleware had secured the right for ACM to distributed digital copies of the Springer papers via the ACM DL.
Middleware also publishes Companion Proceedings. These proceedings include workshop papers, poster/demo papers, and at times also work-in-progress papers.

**Most Recent Years**

**Most Recent Year**

Year: 2022
URL: https://middleware-conf.github.io/2022/
Location: Québec City, Québec, Canada
Papers submitted: 80
Papers published: 26
Acceptance rate: 32
Source for numbers: https://middleware-conf.github.io/history/

**General Chairs**

| Name: Kaiwen Zhang |
| Affiliation: ÉTS |
| Gender: M |
| H Index: 20 |
| GScholar url: https://scholar.google.com/citations?user=lgPKxw8AAAAJ&hl=en |
| DBLP url: https://dblp.org/pid/12/4550-1.html |

| Name: Abdelouahed Gherbi |
| Affiliation: ÉTS |
| Gender: M |
| H Index: 20 |
| GScholar url: https://scholar.google.com/citations?user=FfjEkaUAAAAJ&hl=fr |
| DBLP url: https://dblp.org/pid/55/1758.html |

| Name: Paolo Bellavista |
| Affiliation: University of Bologna |
| Gender: M |
| H Index: 42 |
| GScholar url: https://scholar.google.com/citations?user=vVSZ4rUAAAAJ&hl=it |
| DBLP url: https://dblp.org/pid/b/PaoloBellavista.html |

**Program Chairs**

| Name: Saurabh Bagchi |
| Affiliation: Purdue University |
| Gender: M |
| H Index: 55 |
| GScholar url: https://scholar.google.ca/citations?user=3EfsOvYAAAAJ&hl=en |
| DBLP url: https://dblp.org/pid/57/95.html |

| Name: Marta Patino-Martinez |
| Affiliation: Universidad Politecnica de Madrid |
| Gender: F |
| H Index: 28 |
| GScholar url: https://scholar.google.com/citations?user=6iQ4kNoAAAAJ&hl=en |
| DBLP url: https://dblp.org/pid/97/3041.html |

**Second Most Recent Year**

Year: 2021
URL: https://middleware-conf.github.io/2021/
Location: Online
Papers submitted: 103
Papers published: 29
Acceptance rate: 28
Source for numbers: https://middleware-conf.github.io/history/

**General Chairs**

| Name: Kaiwen Zhang |
| Affiliation: ÉTS |
| Gender: M |
| H Index: 20 |
| GScholar url: https://scholar.google.com/citations?user=lgPKxw8AAAAJ&hl=en |
| DBLP url: https://dblp.org/pid/12/4550-1.html |

| Name: Abdelouahed Gherbi |
| Affiliation: ÉTS |
| Gender: M |
| H Index: 20 |
| GScholar url: https://scholar.google.com/citations?user=FfjEkaUAAAAJ&hl=fr |
| DBLP url: https://dblp.org/pid/55/1758.html |

**Program Chairs**

Name: Nalini Venkatasubramanian
Affiliation: UC Davis
Gender: F
H Index: 45
GScholar url: https://scholar.google.com/citations?user=qfCah3sAAAAJ&hl=en
DBLP url: https://dblp.org/pid/66/1875.html

Name: Luis Veiga
Affiliation: Instituto Superior Técnico
Gender: M
H Index: 25
GScholar url: https://scholar.google.com/citations?user=zeU6ZV4AAAAJ&hl=en
DBLP url: https://dblp.org/pid/v/LuisVeiga.html

**Third Most Recent Year**

Year: 2020
URL: https://2020.middleware-conference.org/
Location: Online
Papers submitted: 119
Papers published: 30
Acceptance rate: 25
Source for numbers: https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3423211

**General Chairs**

Name: Jan Rellermeyer
Affiliation: Leibniz University Hannover
Gender: M
H Index: 14
GScholar url: https://scholar.google.com/citations?user=hnCSi8gAAAAJ&hl=en
DBLP url: https://dblp.org/pid/21/4498.html

**Program Chairs**

Name: Dilma Da Silva
Affiliation: Texas A&M University
Gender: F
H Index: 33
GScholar url: https://scholar.google.com/citations?user=b32YyLIAAAAJ&hl=en
DBLP url: https://dblp.org/pid/03/6463.html

Name: Rudiger Kapitza
Affiliation: TU Braunschweig
Gender: M
H Index: 36
GScholar url: https://scholar.google.de/citations?user=YRYGWvOAAAAJ&hl=en
DBLP url: https://dblp.org/pid/27/2697.html

**Policies**

Chair Selection: A. Program Chair Selection Process and Criteria:
The steering committee (SC) solicits nominations from the conference organisers (i.e., the General Chair or the General (co-)Chairs) and from within the SC.
These nominations are sought roughly 1.5 years prior to the conference (e.g., in May 2023 for the conference in December 2024).
Criteria: Nominators are encouraged to strive for diversity in their nominations wrt. gender, geography, junior vs. senior, core community members vs. area-informed, prominent outsiders (i.e., community standing, prestige and reputation).
Middleware works mostly with co-Chairs (co-Program Chairs) and aims to have the above diversity dimensions reflected in its selection (in most recent years (record of 9 years), Middleware had an equal gender balance in the program co-chair team. Cf.
https://middleware-conf.github.io/history/).
Nominators are encouraged to post their nominations to the entire steering committee (i.e., SC-public; SC members are "sworn" to confidentiality).
All nominations are merged and triaged by the SC Chair who puts forward a short list that is approved by the SC (i.e., Candidate A.1, paired with B.1, B.2 etc.; Candidate A.2, paired with ...etc.).
After the short list is approved by the SC, the SC Chair together with the General (co-)Chairs invite the Program co-Chairs according to the approved list.
B. General Chair Selection Process and Criteria:
The SC solicits via a yearly Call for Bids to Host Middleware prospective conference hosts. Usually, but not always, the nominator (or the nominator team) would be the General (co-)Chairs. The exact process runs about 2 years ahead (i.e., April - June 2023 for the 2025

conference instance). It is a two-staged process; first Expressions of Interest are solicited, followed by invitations to submit a full proposal (cf. https://middleware-conf.github.io/hosting/).

C. Other Chair Selection Process and Criteria:

The General (co-)Chairs are responsible to pick their organising team (except for the Program (co-)Chairs). The criteria impressed on the GC for chair selection are similar to the ones explained above under Section A (i.e., strive for diversity in gender et al.).

Policy name: ACM's Commitment to Diversity, Equity, and Inclusion in Computing

Policy url: https://www.acm.org/diversity-inclusion/about

**Program Committee**

Link to pc: https://middleware-conf.github.io/2023/program-committee/
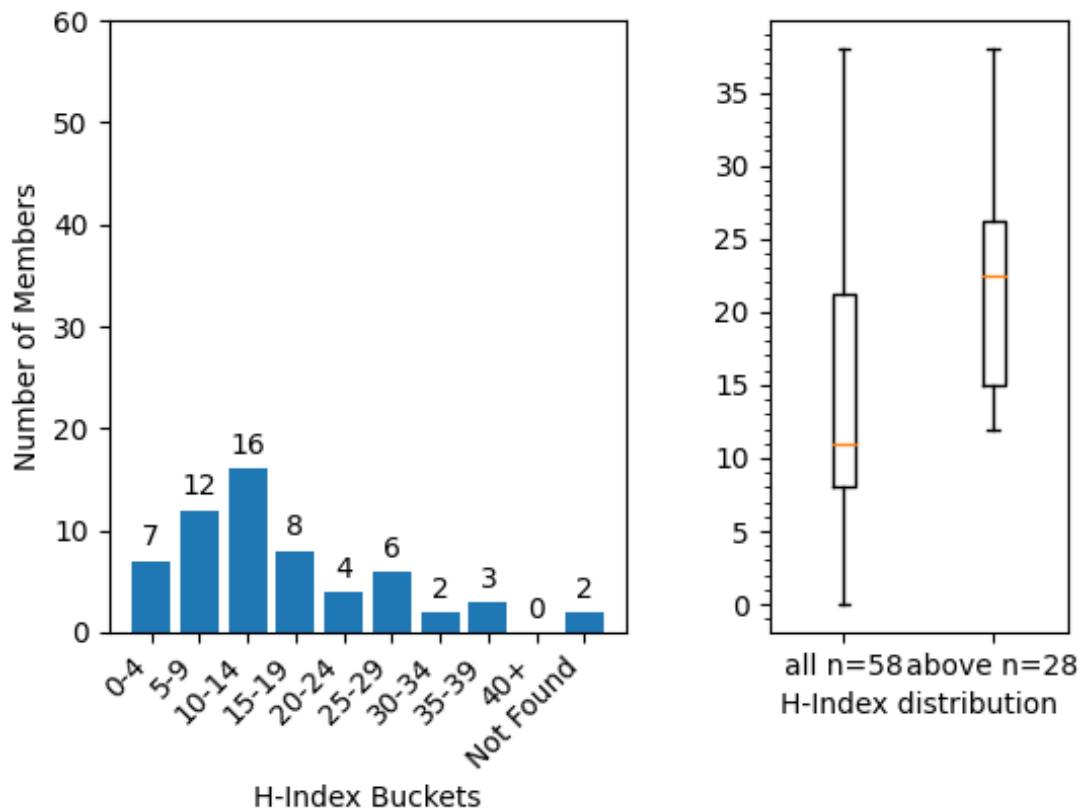
File: http://portal.core.edu.au/core/media/2023/pc_members/PC_list_single_line_ygET1oi

H-index plot: http://portal.core.edu.au/core/media/2023/pc_graphs/higherrank_hindex_buckets_2192.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/higherrank2192_spc_report.csv

**WPP Report:** http://portal.core.edu.au/core/media/2023/wpp_reports/cgu7SvVy.txt

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1. International Middleware Conference (Middleware)
Core Rank: A

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This venue was published at 33 times by 13 of 25 individuals in the last 5+ years.

The individuals that publish at this venue are: Valerio Schiavoni(7), Ruben Mayer(5), Christof Fetzer(4), Nalini
Venkatasubramanian(4), Fernando Pedone(3), Mohammad Sadoghi(3), Anshul Gandhi(2), Antonio Barbalace(2), Bettina
Kemme(1), Roman Vitenberg(1), Saurabh Bagchi(1), Thomas Pasquier(1), Tobias Distler(1)

In 2018, there were 5 publications by 4 individuals: Mohammad Sadoghi, Nalini Venkatasubramanian, Roman Vitenberg,
Saurabh Bagchi
```
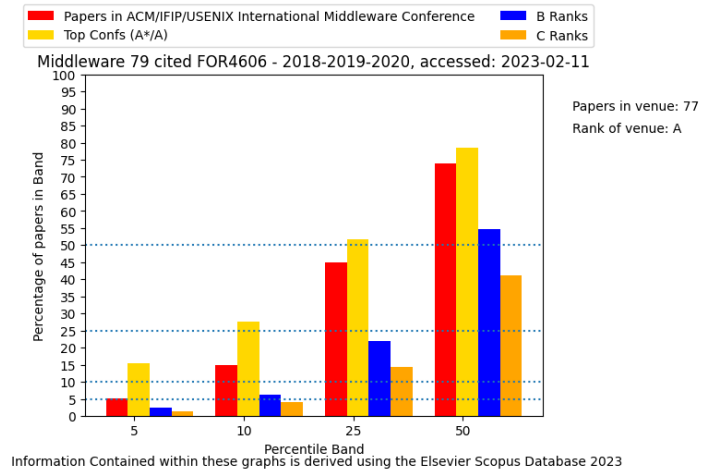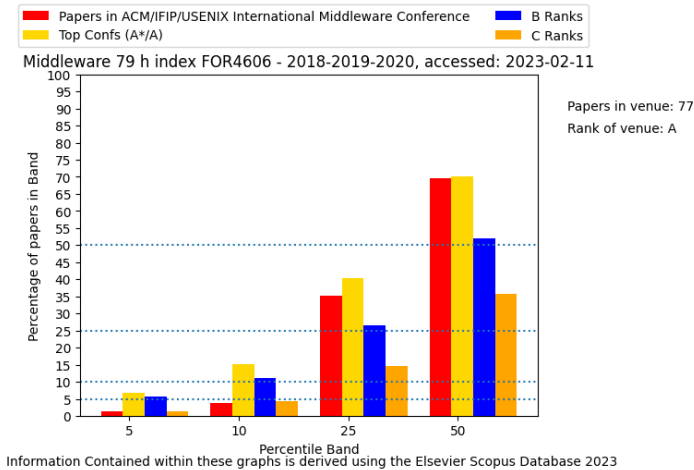
```
In 2019, there were 8 publications by 7 individuals: Anshul Gandhi, Fernando Pedone, Mohammad Sadoghi, Nalini
Venkatasubramanian, Ruben Mayer, Thomas Pasquier, Valerio Schiavoni
In 2020, there were 6 publications by 4 individuals: Antonio Barbalace, Christof Fetzer, Tobias Distler, Valerio
Schiavoni
In 2021, there were 7 publications by 6 individuals: Anshul Gandhi, Antonio Barbalace, Bettina Kemme, Fernando
Pedone, Ruben Mayer, Valerio Schiavoni
In 2022, there were 7 publications by 3 individuals: Christof Fetzer, Ruben Mayer, Valerio Schiavoni


13 out of the 25 individuals published at this venue in 1 or more years
8 out of the 25 individuals published at this venue in 2 or more years
2 out of the 25 individuals published at this venue in 3 or more years
1 out of the 25 individuals published at this venue in 4 or more years
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**Centile graphs of paper metrics**



Middleware 79 h index FOR4606 - 2018-2019-2020, accessed: 2023-02-11
Papers in venue: 77
Rank of venue: A
Information Contained within these graphs is derived using the Elsevier Scopus Database 2023



Middleware 79 cited FOR4606 - 2018-2019-2020, accessed: 2023-02-11
Papers in venue: 77
Rank of venue: A
Information Contained within these graphs is derived using the Elsevier Scopus Database 2023

**Top People Involvement**

name: Rachid Guerraoui
h-index: 77
Google Scholar URL: https://scholar.google.com/citations?user=_TR-7CEAAAAJ
Justification: ACM Fellow, ERC Advanced Grant Award (2013); Best Paper Awards at the following scientific conferences: ACM
Middleware (2016, 2014, 2012), ICDCN (2011), Eurosys (2010), DISC (2010) and OPODIS (2006), 10-Year Best Paper Award at
Middleware 2014
Paper counts:

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

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

name: Christof Fetzer
h-index: 56
Google Scholar URL: https://scholar.google.com/citations?user=H7v4UbgAAAAJ
Justification: Endowed Chair (Heinz-Nixdorf endowment), Department of Computer Science, TU Dresden; Chair of the Distributed
Systems Engineering, Department of Computer Science, TU Dresden; Award Papers at the following scientific conferences: DEBS
(2013), LISA (2013), SRDS (2014), IEEE Cloud (2014), and DSN (2015). Links: https://ieeexplore.ieee.org/author/37324965400,
https://tu-dresden.de/ing/informatik/sya/se/die-professur/inhaber-in
Paper counts:

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

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

name: Hans-Arno Jacobsen
h-index: 54
Google Scholar URL: https://scholar.google.com/citations?user=85bt-X0AAAAJ
Justification: IEEE Fellow; Jeffrey Skoll Chair in Computer Networks and Innovation (currently); Bell Chair in Software Systems
(formerly); 10-Year Best Paper Award (Middleware, VLDB).
Paper counts:

| Most Recent: | Second most recent: | Third most recent: | Fourth most recent: | Fifth most recent: |
|---|---|---|---|---|
| 1 | 1 | 2 | 1 | 1 |

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

name: Pascal Felber
h-index: 53
Google Scholar URL: https://scholar.google.com/citations?user=Rl7te6EAAAAJ
Justification: Formerly at Bell Labs, Best Paper Award (NETYS'13), 15K+ citations, for more distinctions, see
https://research.com/u/pascal-felber-1
Paper counts:

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

Attendance: Occasionally (< 20% of the time)

name: Nalini Venkatasubramanian
h-index: 45
Google Scholar URL: https://scholar.google.nl/citations?user=qfCah3sAAAAJ
Justification: Best Paper Awards (e.g., CCN'06, SMARTCOM'16, CLOUDCOM'17); for more distinctions, see
https://nalini.ics.uci.edu/awards/ and
https://nalini.ics.uci.edu/wp-content/uploads/2019/02/CV-Venkatasubramanian-Jan-2019-1.pdf
Paper counts:

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

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

name: Binoy Ravindran
h-index: 38
Google Scholar URL: https://scholar.google.com/citations?user=gVz6VpIAAAAJ
Justification: ACM Distinguished Scientist; Office of Naval Research Faculty Fellow (formerly); 9 Award Papers (e.g., VEE 2019, SYSTOR 2019, SYSTOR 2012). Links: https://binoyravindran.github.io/
Paper counts:

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

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

name: Rüdiger Kapitza
h-index: 36
Google Scholar URL: https://scholar.google.de/citations?user=YRYGWv0AAAAJ
Justification: IBM Faculty award 2017 https://research.ibm.com/university/awards/university-awards-recipients.html Best Paper Award at EWSN (2017) https://dl.acm.org/doi/proceedings/10.5555/3108009
Paper counts:

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

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

name: Xiaobo Zhou
h-index: 35
Google Scholar URL: https://scholar.google.com/citations?user=M50Z43QAAAAJ
Justification: NSF Career Award; Chair of IEEE Technical Community on Distributed Processing (TCDP). Links:
http://cs.uccs.edu/~xzhou/
Paper counts:

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

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

name: Sonia Ben Mokhtar
h-index: 30
Google Scholar URL: https://scholar.google.com/citations?user=QBpJIDgAAAAJ
Justification: Best paper runner-up at Middleware 2022. https://vedliot.eu/best-paper-runner-up-middleware-2022/ PC co-chair IEEE DSN 2022. Steering committee IEEE SRDS. Steering committee ACM Middleware
Paper counts:

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

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

name: Lydia Y. Chen
h-index: 29
Google Scholar URL: https://scholar.google.nl/citations?user=xXu_fMcAAAAJ
Justification: ACM MobiCom Runner-up Community Award, 2022 IEEE INFOCOM distinguished TPC Member, 2019 ACM eEnergy Runner-up Best Paper Award 2015 IEEE/ACM CCGrid Runner-up Best Paper Award 2015 IBM Outstanding Scientific Achievement Award 2014

Paper counts:

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

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


**Area Leaders publishing**

Method of selection: Google Scholar Label search, picking the top people in the different areas by citations and h-index.
The main keyword used for the label search is "label:middleware".
Since the topic of middleware combines people from different communities but not all of them identify themselves as "middleware" people, we expanded the search terms by also adding communities that appear explicitly characterized with keywords in Middleware's CFP. This mainly includes the non-functional aspects of distributed systems:
"label:distributed_systems label:dependability" "label:distributed_systems label:dependable_systems" "label:distributed_systems label:quality_of_service" "label:distributed_systems label:performance"
as well as other terms with broader meaning that were restricted to their impact on distributed systems:
"label:distributed_systems label:communication_networks" "label:distributed_computing label;concurrency"
and terms that did not require disambiguation:
"label:cloud_serverless_computing"
"label:enterprise_computing"
"label:peer-to-peer_computing"
From the results, we included all people with an H-index of 45 and above. Other combinations of the keywords above were considered but did not produce new results (i.e., only results with h-index below the threshold)
Keyword: "label:middleware"; "label:distributed_systems label:dependability"; "label:distributed_systems label:dependable_systems"; "label:distributed_systems label:quality_of_service"; "label:distributed_systems label:performance"; "label:distributed_systems label:communication_networks"; "label:distributed_computing label;concurrency"; "label:cloud_serverless_computing"; "label:enterprise_computing"; "label:peer-to-peer_computing"

| name | h-index | gscholar url |
|---|---|---|
| Frank Leymann | 89 | https://scholar.google.com/citations?user=qRnegTsAAAAJ |
| Joseph Sifakis | 66 | https://scholar.google.com/citations?user=8jCwk4EAAAAJ |
| Gordon Blair | 58 | https://scholar.google.com/citations?user=TQj5qo0AAAAJ |
| Gian Pietro Picco | 56 | https://scholar.google.com/citations?user=DqcmXQ8AAAAJ |
| Hans-Arno Jacobsen | 54 | https://scholar.google.com/citations?user=85bt-X0AAAAJ |
| Anand Ranganathan | 45 | https://scholar.google.com/citations?user=GJaub0sAAAAJ |
| Sasu Tarkoma | 49 | https://scholar.google.com/citations?user=UTRmf5MAAAAJ |
| Antonio Corradi | 48 | https://scholar.google.com/citations?user=q_P8-rcAAAAJ |
| Valérie Issarny | 53 | https://scholar.google.com/citations?user=2vLAspAAAAAJ |
| Nalini Venkatasubramanian | 45 | https://scholar.google.com/citations?user=qfCah3sAAAAJ |
| Pascal Felber | 53 | https://scholar.google.com/citations?user=Rl7te6EAAAAJ |
| Paulo Esteves-Verissimo | 55 | https://scholar.google.com/citations?user=aMHx8aUAAAAJ |
| Christof Fetzer | 56 | https://scholar.google.com/citations?user=H7v4UbgAAAAJ |
| Patrick P. C. Lee | 47 | https://scholar.google.com/citations?user=gyRtVVEAAAAJ |
| Saurabh Bagchi | 55 | https://scholar.google.com/citations?user=3EfsOvYAAAAJ |
| Klara Nahrstedt | 90 | https://scholar.google.com/citations?user=TW0t25AAAAAJ |
| Paul Barham | 44 | https://scholar.google.com/citations?user=q34R9psAAAAJ |
| Dick Epema | 54 | https://scholar.google.com/citations?user=uls6Q9UAAAAJ |
| Kurt Rothermel | 63 | https://scholar.google.com/citations?user=LWI2KAMAAAAJ |
| Rachid Guerraoui | 77 | https://scholar.google.com/citations?user=_TR-7CEAAAAJ |
| Michel Raynal | 64 | https://scholar.google.com/citations?user=d3BBqmgAAAAJ |
| Samuel Kounev | 46 | https://scholar.google.com/citations?user=1iN71-YAAAAJ |

**WPP Report:** http://portal.core.edu.au/core/media/2023/wpp_reports/xaHFi5DU.txt

```
2. International Middleware Conference (Middleware)
Core Rank: A

----------------------------------------------------------------

This venue was published at 40 times by 11 of 21 individuals in the last 5+ years.

The individuals that publish at this venue are: Hans-Arno Jacobsen(18), Pascal Felber(5), Christof Fetzer(4),
Nalini Venkatasubramanian(4), Rachid Guerraoui(3), Kurt Rothermel(2), Samuel Kounev(2), Valerie Issarny(2), Dick
H. J. Epema(1), Klara Nahrstedt(1), Saurabh Bagchi(1)

In 2018, there were 11 publications by 5 individuals: Hans-Arno Jacobsen, Nalini Venkatasubramanian, Rachid
Guerraoui, Saurabh Bagchi, Valerie Issarny
In 2019, there were 10 publications by 6 individuals: Dick H. J. Epema, Hans-Arno Jacobsen, Kurt Rothermel, Nalini
Venkatasubramanian, Pascal Felber, Samuel Kounev
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In 2020, there were 7 publications by 4 individuals: Christof Fetzer, Hans-Arno Jacobsen, Pascal Felber, Rachid
Guerraoui
In 2021, there were 5 publications by 3 individuals: Hans-Arno Jacobsen, Pascal Felber, Samuel Kounev
In 2022, there were 7 publications by 4 individuals: Christof Fetzer, Hans-Arno Jacobsen, Klara Nahrstedt, Pascal
Felber


11 out of the 21 individuals published at this venue in 1 or more years
6 out of the 21 individuals published at this venue in 2 or more years
2 out of the 21 individuals published at this venue in 4 or more years
1 out of the 21 individuals published at this venue in 5 or more years
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**Additional Data**

**Google Scholar Data**

Sub-category url: https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_computingsystems
Position in sub-category: 20+
h5 index of 20th item in category: 42
h5 index for this conference: 24

**Relationship to similar conferences**

Partial ordering of similar conferences in the area, with argument as to where the current venue fits and why:
ACM SIGOPS Symposium on Operating Systems Principles (SOSP): More focused on operating systems aspects than Middleware; top conference; very high visibility. SOSP papers are often characterized by the exact grounding of the problem addressed in the paper in reality (i.e., in industry). In contrast, Middleware also allows for papers that address purely interesting problems, i.e., problems that are speculative in their existence without requiring the problem's full grounding in an existing system.
ACM Symposium on Principles of Distributed Computing (PODC): More focused on the foundations of distributed systems (i.e., the theory of distributed systems) than Middleware; top conference; very high visibility.
Usenix Symposium on Operating Systems Design and Implementation (OSDI): More focused on operating systems than Middleware; top conference; very high visibility. The same differentiation in terms of the characteristics of an OSDI paper relative to a Middleware paper apply as for SOSP (see above.)
IEEE/IFIP International Conference on Dependable Systems and Networks (DSN): Less focus on systems aspects than Middleware; more focus on dependability and reliability of systems; similar conference and visibility to Middleware.
Eurosys Conference (EuroSys): Regional general systems conference, so slightly more focused than Middleware; similar quality and visibility.
IEEE International Symposium on Reliable and Distributed Systems (SRDS): Less focus on systems aspects than Middleware; more focus on dependability and reliability of systems; slightly less visibility than Middleware.
IEEE International Parallel and Distributed Processing Symposium (was IPPS and SPDP) (IPDPS): More focused just on distributed systems aspects than Middleware; slightly less visible than Middleware and overall lower standing.
International Conference on Distributed Computing Systems (ICDCS): Good and broad conference that focuses on a wide-scoped interpretation of distributed systems and is much more broadly scoped than Middleware; ICDCS is also multi-track so it has a much higher paper throughput than Middleware.
International Symposium on Distributed Computing (was WDAG) (DISC): Good conference that focuses on the foundations of distributed systems, more than Middleware. DISC is a theory-oriented conference in scope similar to PODC (see above.)
USENIX Annual Technical Conference (USENIX ATC): General systems conference, less distributed systems focused than Middleware; at par in visibility to Middleware.
ACM Workshop on Hot Topics in Operating Systems (HotOS): Less distributed systems focus than Middleware; similar visibility.

**Other Information**

**Attachments**

N/A

**Proposers**

First name: Hans-Arno
Last name: Jacobsen
Affiliation: University of Toronto
Email: jacobsen@eecg.toronto.edu

**Submitted By**

Name: Jacobsen Arno
Email: jacobsen@eecg.toronto.edu