

## Submission data for 2023 CORE conference ranking process IEEE International Symposium on Cluster, Cloud and Grid Computing

Young Choon Lee, Omer Rana, Yogesh Simmhan, Laurent Lefevre, Rajkumar Buyya, Marios Dikaiakos, Tarek El-Ghazawi, Ana-Lucia Varbanes

## **Introductory Questions**

## Conference

Title: IEEE International Symposium on Cluster, Cloud and Grid Computing Acronym : CCGRID Rank: A

## **Requested Rank**

Rank: A\*

## **Conference Details**

Month: May Publisher: IEEE/ACM Bi-annual: False Multiconference: False Component in a multi-conference or umbrella event: False Colocated with other events: True Colocated event description: IEEE INTERNATIONAL CONFERENCE ON FOG AND EDGE COMPUTING (ICFEC), Workshops, IEEE TCSC SCALE Challenge. Research posters, doctoral/student symposium, Diversity and Inclusion track Event relationship description: CCGrid as a premier conference supporting hosting of workshops and symposiums focused on emerging/hot topics. In the recent CCGrid, Proceedings of these co-located events as published as separate Proceedings through IEEE Press. Alternative content: True

Alternative content. The are published as Workshop Proceedings.

## **Proceedings Publishing Style**

Proceedings Publishing: self-contained Link to most recent proceedings: https://ieeexplore.ieee.org/xpl/conhome/9825911/proceeding Further details:

## **Most Recent Years**

## **Most Recent Year**

Year: 2023 URL: https://ccgrid2023.iisc.ac.in/ Location: Bangalore, India Papers submitted: 275 Papers published: 58 Acceptance rate: 21 Source for numbers: http://clouds.cis.unimelb.edu.au/~rbuyya/ccgrid/

## **General Chairs**

| Name: Yogesh Simmhan   |  |  |  |
|--|--|--|--|
| Affiliation: Indian Institute of Science                                   |  |  |  |
| Gender: M  |  |  |  |
| H Index: 43  |  |  |  |
| GScholar url: https://scholar.google.com/citations?user=HIOx9EOAAAAJ&hl=en |  |  |  |
| DBLP url: https://dblp.org/pid/s/YogeshSimmhan.html                        |  |  |  |
| Name: Ilkay Altintas   |  |  |  |
| Affiliation: University of California San Diego                            |  |  |  |
| Gender: F  |  |  |  |
| H Index: 33  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=PiGurmAAAAAJ |  |  |  |
| DBLP url: https://dblp.org/pid/95/6475.html                                |  |  |  |

# **Program Chairs**

| Name: Ana-Lucia Varbanescu   |  |  |  |  |
|--|--|--|--|--|
| Affiliation: University of Twente  |  |  |  |  |
| Gender: F  |  |  |  |  |
| H Index: 22  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=UypyD2wAAAAJ |  |  |  |  |
| DBLP url: https://dblp.org/pid/62/3310.html                                |  |  |  |  |
| Name: Pavan Balaji   |  |  |  |  |
| Affiliation: Meta Platforms Inc  |  |  |  |  |
| Gender: M  |  |  |  |  |
| H Index: 46  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?user=8xb051UAAAAJ&hl=en |  |  |  |  |
| DBLP url: https://dblp.org/pid/70/2491.html                                |  |  |  |  |

## Second Most Recent Year

Year: 2022 URL: https://fcrlab.unime.it/ccgrid22/ Location: Taormina (Messina), Italy Papers submitted: 302 Papers published: 75 Acceptance rate: 24 Source for numbers: http://clouds.cis.unimelb.edu.au/~rbuyya/ccgrid/

# **General Chairs**

| Name: Massimo Villari  |  |  |  |  |
|--|--|--|--|--|
| Affiliation: University of Messina   |  |  |  |  |
| Gender: M  |  |  |  |  |
| H Index: 43  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=LogifUkAAAAJ |  |  |  |  |
| DBLP url: https://dblp.org/pid/70/450.html                                 |  |  |  |  |
| Name: Omer Rana  |  |  |  |  |
| Affiliation: University of Cardiff   |  |  |  |  |
| Gender: M  |  |  |  |  |
| H Index: 58  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=TboOBAMAAAAJ |  |  |  |  |
| DBLP url: https://dblp.org/pid/r/OmerFRana.html                            |  |  |  |  |

# **Program Chairs**

| Name: Maria Fazio  |  |  |  |  |
|--|--|--|--|--|
| Affiliation: University of Messina   |  |  |  |  |
| Gender: F  |  |  |  |  |
| H Index: 34  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=6f0-9IYAAAAJ |  |  |  |  |
| DBLP url: https://dblp.org/pid/09/4135.html                                |  |  |  |  |
| Name: Radu Prodan  |  |  |  |  |
| Affiliation: University of Klagenfurt                                      |  |  |  |  |
| Gender: M  |  |  |  |  |
| H Index: 50  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=ELx81B8AAAA  |  |  |  |  |
| DBLP url: https://dblp.org/pid/43/1754.html                                |  |  |  |  |
| Name: Dhabaleswar K. Panda   |  |  |  |  |
| Affiliation: Ohio State University   |  |  |  |  |
| Gender: M  |  |  |  |  |
| H Index: 73  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=7FXtL98AAAAJ |  |  |  |  |
| DBLP url: https://dblp.org/pid/p/DhabaleswarKPanda.html                    |  |  |  |  |

## **Third Most Recent Year**

Year: 2021 URL: http://clouds.cis.unimelb.edu.au/ccgrid2021/ Location: Melbourne, Australia Papers submitted: 230 Papers published: 60 Acceptance rate: 26 Source for numbers: https://sites.cs.ucsb.edu/~almeroth/conf/stats/#ccgrid

## **General Chairs**

| Name: Rajkumar Buyya   |  |  |  |  |
|--|--|--|--|--|
| Affiliation: The University of Melbourne                                   |  |  |  |  |
| Gender: M  |  |  |  |  |
| H Index: 160   |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=7xN6JqYAAAA  |  |  |  |  |
| DBLP url: https://dblp.org/pid/b/RajkumarBuyya.html                        |  |  |  |  |
| Name: Gul Agha   |  |  |  |  |
| Affiliation: University of Illinois at Urbana-Champaign, USA               |  |  |  |  |
| Gender: M  |  |  |  |  |
| H Index: 64  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?user=orHlhhQAAAAJ&hl=en |  |  |  |  |
| DBLP url: https://dblp.org/pid/a/GulAAgha.html                             |  |  |  |  |

# **Program Chairs**

| Name: Laurent Lefevre  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
| Affiliation: Inria ENS Lyon  |  |  |  |  |  |
| Gender: M  |  |  |  |  |  |
| H Index: 28  |  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=KjfhOLkAAAAJ |  |  |  |  |  |
| DBLP url: https://dblp.org/pid/03/4160.html                                |  |  |  |  |  |
| Name: Stacy Patterson  |  |  |  |  |  |
| Affiliation: Rensselaer Polytechnic Institute                              |  |  |  |  |  |
| Gender: F  |  |  |  |  |  |
| H Index: 22  |  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=7b_ipvgAAAA  |  |  |  |  |  |
| DBLP url: https://dblp.org/pid/96/1837.html                                |  |  |  |  |  |
| Name: Young Choon Lee  |  |  |  |  |  |
| Affiliation: Macquarie University, Australia                               |  |  |  |  |  |
| Gender: M  |  |  |  |  |  |
| H Index: 31  |  |  |  |  |  |
| GScholar url: https://scholar.google.com/citations?hl=en&user=Kuno2i4AAAAJ |  |  |  |  |  |
| DBLP url: https://dblp.org/pid/52/6328.html                                |  |  |  |  |  |

Policies

Chair Selection: CCGrid is one of the "few" equal opportunity international conferences in the world. Proposals for hosting future CCGrid events are always welcome from any country/individual/organisation. Those interested in organising future CCGrid conferences in their countries, please contact Steering Committee (SC) Chair/or its Members. Your EoI (Expression of Interest) email message should contain brief information on: (1) R&D activities in your organisation and country related to CCGrid topics, (2) key individuals who are like to play an important role in conference organisation, (3) your participation in CCGrid past events in roles such as paper publication, attendance as a delegate, serving on Program Committee, workshops organisation etc., and (4) your track record/experience in organising events attracting 100+ participants. Your Proposal needs to presented to the Steering Committee during the upcoming SC meeting hosting along with CCGrid conference. Then SC members look into quality of proposal (team, venue, hosting plan) and makes a decision on the best proposal. Then the bidding team/organisation will select other committee members for actual running of the conference by following all rules of IEEE and ACM sponsorship.

Diversity Policy: "CCGrid will act with responsibility as its primary consideration, with Equity, Diversity, and Inclusion as central goals. Authors and participants are encouraged to read the ACM Code of Ethics and Professional Conduct and the ACM Policy Against Harassment, and IEEE Computer Society's expectation of professional behavior found in the IEEE Computer Society Open Conference Statement, the IEEE Event Conduct and Safety Statement, and the IEEE Code of Ethics. To advance these goals, we have inaugurated a D&I track at CCGRID 2023. This policy will be continued for all future events".

Global and Inclusive Nature: The past events in CCGrid series were held in: Brisbane, Australia; Berlin, Germany; Tokyo, Japan; Chicago, Illinois, USA; Cardiff, United Kingdom; Singapore; Rio, Brazil; Lyon, France; Shanghai, China; Melbourne, Australia; Los Angeles, USA; Ottawa, Canada; Delft, Netherlands; Chicago, USA; Shenzhen, China; Cartagena, Colombia; Madrid, Spain; Washington DC, USA; Cyprus, Europe; Melbourne, Australia; Sicily, Italy; Bangalore, India. The upcoming events (CCGrid 2024 and 2025) are scheduled to be held in Philadelphia, USA and Tromso, Norway.

CCGrid conference organizing team and PC members are drawn from all over the world who are at different stages of their career: ECR, MCR, and senior researchers/professors to ensure healthy mix and sustainable future of the conference.

Industry Participation: CCGrid right from its foundation actively emphasized involvement of industrial researchers in its PC membership to ensure right mix of academic and industrial researchers to enhance impact of research and knowledge transfer. Every year CCGrid attracts participation of R&D engineers from prominent companies around the world. It also attracts sponsorships/donations/grants from companies and funding agencies to subsidize participation of PhD students and ECS. For example, in 2023, CCGrid attracted financial support/grant/donation from NSF (USA), Meta/Facebook, AMC, HPE, ACM India, Google, and Microsoft.

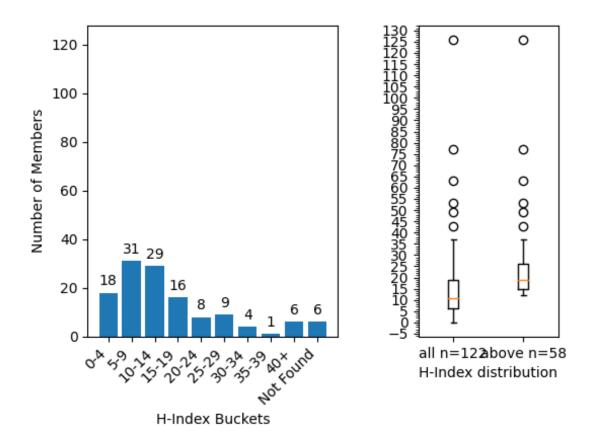
Policy name: Organize a Conference with the Computer Society AND Establishing an ACM Sponsored or Co-sponsored Event (AND https://www.acm.org/special-interest-groups/volunteer-resources/conference-planning/section-1-establishing-an-acm-event)

Policy url: https://www.computer.org/conferences/organize-a-conference

## **Program Committee**

Link to pc: https://ccgrid2023.iisc.ac.in/program-committee/ File: http://portal.core.edu.au/core/media/2023/pc\_members/ccgridpc-2023\_updated\_pfpZAkG.txt H-index plot: http://portal.core.edu.au/core/media/2023/pc\_graphs/higherrank\_hindex\_buckets\_2236.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/higherrank2236\_spc\_report.csv
WPP Report: http://portal.core.edu.au/core/media/2023/wpp\_reports/3zcKFHlY.txt

2. IEEE/ACM International Symposium on Cluster, Cloud and Internet Computing (CCGRID) Core Rank: A

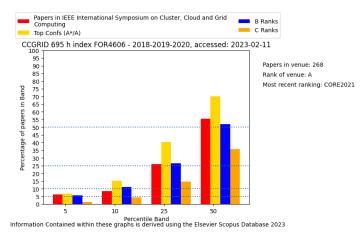
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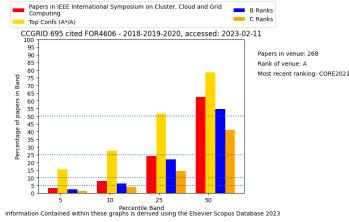
This venue was published at 26 times by 16 of 46 individuals in the last 5+ years.

The individuals that publish at this venue are: Hari Subramoni(5), Alexandru Iosup(3), Kenneth Chiu(3), Paolo Bellavista(2), Rio Yokota(2), Abhishek Chandra(1), Alessandro V. Papadopoulos(1), Amelie Chi Zhou(1), Cristina L. Abad(1), David Abramson(1), Guillaume Pierre(1), Josef Spillner(1), Kyle Chard(1), Lin Gan(1), Raj Kettimuthu(1), Schahram Dustdar(1)

In 2018, there were 3 publications by 2 individuals: Alexandru Iosup, Amelie Chi Zhou In 2019, there were 9 publications by 7 individuals: Cristina L. Abad, Guillaume Pierre, Hari Subramoni, Josef Spillner, Lin Gan, Raj Kettimuthu, Rio Yokota In 2020, there were 5 publications by 5 individuals: Abhishek Chandra, David Abramson, Hari Subramoni, Kenneth Chiu, Paolo Bellavista In 2021, there were 4 publications by 3 individuals: Alexandru Iosup, Hari Subramoni, Paolo Bellavista In 2022, there were 5 publications by 4 individuals: Alessandro V. Papadopoulos, Kenneth Chiu, Kyle Chard, Schahram Dustdar

16 out of the 46 individuals published at this venue in 1 or more years 4 out of the 46 individuals published at this venue in 2 or more years 1 out of the 46 individuals published at this venue in 3 or more years





## **Top People Involvement**

name: Ian T. Foster

h-index: 139

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

Justification: Ian as a Distinguished Fellow and Senior Scientist at Argonne National Laboratory and a Professor at the University of Chicago–two wonderful institutions where science and scholarship are cherished, and the importance of new forms of instrumentation as enablers of discovery is appreciated.

lan is popular known as "Father" of Grid Computing.

DBLP record upto 2022 associates Ian T. Foster name for 16 items/publications in CCGrid.

Paper counts:

| 2 | 0 | 0 | 0 | 1 |
|---|---|---|---|---|

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

name: Dhabaleswar K. Panda

h-index: 73

Google Scholar URL: https://scholar.google.com/citations?user=7FXtL98AAAAJ&hl=en

Justification: Dr. Dhabaleswar K. (DK) Panda is a Professor and Distinguished Scholar of Computer Science at the Ohio State University. The MVAPICH (High Performance MPI and MPI+PGAS over InfiniBand, iWARP and RoCE with support for GPGPUs and Virtualization) software libraries , developed by his research group, are currently being used by more than 3, 300 organizations worldwide (in 90 countries). These software packages have enabled several InfiniBand clusters to get into the latest TOP500 ranking. As of Feb '23, more than 1.65M downloads of this software have taken place from the project website alone. These software packages are also available with the software stacks for network vendors (InfiniBand, Omni-Path, RoCE, AWS EFA, iWARP, and Slingshot), server vendors, packages (OpenHPC and Spack), and Linux distributors (such as RedHat and SuSE). This software is currently powering the #7 supercomputer in the world.

Dr. Panda is a Fellow of IEEE. He is a recipient of the 2022 IEEE Charles Babbage Award.

DBLP record upto 2022 associates his name for 36 items/publications in CCGrid.

Paper counts:

| Most Recent:    | Second most recent:      | Third most recent: | Fourth most recent: | Fifth most recent: |
|-----------------|--------------------------|--------------------|---------------------|--------------------|
| 2               | 0                        | 2                  | 1                   | 2                  |
| Attendance: Alm | nost always (>80% of the | e time)            | -                   |                    |

name: Albert Y. Zomaya

h-index: 91

Google Scholar URL: https://scholar.google.com/citations?user=ak35bjgAAAAJ&hl=en

Justification: Professor Zomaya is a Fellow of the IEEE, a Fellow/Member of Australian Academy of Science (AAS), Fellow of the American Association for the Advancement of Science, a Fellow of the Institution of Engineering and Technology, a Distinguished Member of the ACM and a Chartered Engineer (CEng). He received the 1997 Edgeworth David Medal by the Royal Society of New South Wales for outstanding contributions to Australian Science. In September 2000 he was awarded the Meritorious Service Award and in 2006 was made a member of the Golden Core (both from the IEEE Computer Society). Also, he received the IEEE TCPP Outstanding Service Award (2011), the IEEE TCSC Medal for Excellence in Scalable Computing (2011), the IEEE Computer Society Technical Achievement Award (2014), the ACM MSWIM 2017 Reginald A. Fessenden Award (2017), and the 2019 New South Wales Premier Prize of Excellence in Engineering or Information and Communications Technology. His research interests span several areas in parallel and distributed computing, mobile computing, and complex systems.

DBLP record upto 2022 associates his name for 16 items/publications in CCGrid.

Paper counts:

| Most Recent:     | Second most recent:     | Third most recent: | Fourth most recent: | Fifth most recent: |
|------------------|-------------------------|--------------------|---------------------|--------------------|
| 0                | 0                       | 1                  | 2                   | 1                  |
| Attendance: Ofte | en (50-80% of the time) |                    |                     |                    |

name: Manish Parashar

h-index: 62

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

Justification: Manish Parashar is Director of the Scientific Computing and Imaging Institute and Presidential Professor in the University of Utah's Kahlert School of Computing. He is currently on an IPA as Office Director of NSF's Office of Advanced Cyberinfrastructure, where he oversees investments in national cyberinfrastructure. He also co-chairs the National Science and Technology Council's Subcommittee on the Future Advanced Computing Ecosystem and the National Artificial Intelligence Research Resource Task Force. Manish is a fellow of AAAS, ACM, and IEEE.

DBLP record upto 2022 associates his name for 19 items/publications in CCGrid.

Paper counts:

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

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

name: Alexandru losup

h-index: 53

Google Scholar URL: https://scholar.google.com/citations?user=7wwQ7twAAAAJ&hl=en

Justification: Alexandru losup is University Research Chair and Full Professor, Vrije Universiteit Amsterdam. He received many Best Paper awards in top conferences (https://atlarge-research.com/awards.html).

DBLP record upto 2022 associates his name for 19 items/publications in CCGrid.

Paper counts:

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

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

name: Rajkumar Buyya

h-index: 160

## Google Scholar URL: https://scholar.google.com/citations?user=7xN6JqYAAAAJ&hl=en

Justification: Dr. Rajkumar Buyya is a Redmond Barry Distinguished Professor and Director of the Cloud Computing and Distributed Systems (CLOUDS) Laboratory at the University of Melbourne, Australia. He serving/served as Honorary/Visiting Professor for several elite Universities including Imperial College London (UK), University of Birmingham (UK), University of Hyderabad (India), and Tsinghua University (China). Dr. Buyya is recognized as a "Web of Science Highly Cited Researcher" for six consecutive years since 2016, a Fellow of IEEE, Foreign Fellow of Academia Europaea, Scopus Researcher of the Year 2017 with Excellence in Innovative Research Award by Elsevier, and "Best of the World" twice for research fields (in Computing Systems in 2019 and Software Systems in 2021) as well as "Lifetime Achiever" in "Engineering and Computer Science" discipline twice (2019 and 2021) by the Australian Research Review. Software technologies for Grid and Cloud computing developed under Dr. Buyya's leadership have gained rapid acceptance and are in use at several academic institutions and commercial enterprises in 50+ countries around the world.

Paper counts:

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

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

name: Ewa Deelman

h-index: 77

## Google Scholar URL: https://scholar.google.com/citations?user=dts9eDUAAAAJ&hl=en

Justification: Dr. Ewa Deelman, is a Research Professor of computer science at the University of Southern California, Information Sciences Institute. She is serving as a Research Director and is leading the Science Automation Technologies Center. She is an AAAS, IEEE, and USC/ISI Fellow. Dr. Deelman pioneered workflow planning for computations executing in distributed environments. Her group has led the design and development of the Pegasus Workflow Management software and conducts research in job scheduling and resource provisioning in distributed systems, workflow performance modeling, provenance capture, and the use of cloud platforms for science. Dr. Deelman is also the Principal Investigator and Director of the NSF-funded Cyberinfrastructure Center of Excellence, CI Compass, that serves the NSF Major Facilities. In 2015, Dr. Deelman received the HPDC Achievement Award for her contributions to the area of scientific workflows and in 2022 she received the Euro-Par Achievement Award for her outstanding contributions to parallel computing.

Paper counts:

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

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

name: Satoshi Matsuoka

h-index: 61

Google Scholar URL: https://scholar.google.com/citations?user=UcWO18YAAAAJ&hl=en

Justification: Satoshi Matsuoka from April 2018 has been the director of Riken Center for Computational Science (R-CCS), the top-tier national HPC center for Japan, developing and hosting Japan's flagship 'Fugaku' supercomputer which has become the fastest supercomputer in the world in all four major supercomputer rankings in 2020 and 2021 (Top500, HPCG, HPL-AI, Graph500), along with multitudes of ongoing cutting edge HPC research being conducted, including investigating Post-Moore era computing. He has been a Specially Appointed Professor at Tokyo Institute of Technology since 2018 along with his directorship at R-CCS.He was the leader of the TSUBAME series of supercomputers that had also received many international acclaims, at the Tokyo Institute of

Technology, where he still holds a professor position, to continue his research activities in HPC as well as scalable Big Data and AI, in both institutions.

His commendations include the Fellow positions in societies/conferences ACM, ISC, and the JSSST; the ACM Gordon Bell Prize in 2011 & 2021 and the IEEE Sidney Fernbach Award in 2014, all being one of the highest awards in the field of HPC; the Technical Papers Chair and the Program Chair for ACM/IEEE Supercomputing 2009 and 2013 (SC09 and SC13) respectively as well as many other conference chairs, and the ACM Gordon Bell Prize selection committee chair in 2018. He received the Medal of Honor with Purple ribbon by the Japanese government in 2022.

DBLP record upto 2022 associates his name for 23 items/publications in CCGrid.

### Paper counts:

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

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

name: Geoffrey Fox

h-index: 87

Google Scholar URL: https://scholar.google.com/citations?user=dJ-fD-sAAAAJ&hl=en

Justification: Fox received a Ph.D. in Theoretical Physics from Cambridge University, where he was Senior Wrangler. He is now a Professor in the Biocomplexity Institute & Initiative and Computer Science Department at the University of Virginia. He previously held positions at Caltech, Syracuse University, Florida State University, and Indiana University. after being a postdoc at the Institute for Advanced Study at Princeton, Lawrence Berkeley Laboratory, and Peterhouse College Cambridge. He has supervised the Ph.D. of 75 students. He received the High-Performance Parallel and Distributed Computing (HPDC) Achievement Award and the ACM - IEEE CS Ken Kennedy Award for Foundational contributions to parallel computing in 2019. He is a Fellow of APS (Physics) and ACM (Computing) and works on the interdisciplinary interface between computing and applications

DBLP record upto 2022 associates his name for 9 items/publications in CCGrid. He served as PC Co-Chair of CCGrid 2017. Paper counts:

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

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

name: Jack Dongarra

h-index: 136

Google Scholar URL: https://scholar.google.com/citations?user=X4SbSTAAAAAJ&hl=en

Justification: Jack Dongarra is an American computer scientist and mathematician. He is the American University Distinguished Professor of Computer Science in the Electrical Engineering and Computer Science Department at the University of Tennessee. He holds the position of a Distinguished Research Staff member in the Computer Science and Mathematics Division at Oak Ridge National Laboratory and Turing Fellowship in the School of Mathematics at the University of Manchester. Dongarra was elected a Fellow of the American Association for the Advancement of Science (AAAS), the Association for Computing Machinery (ACM), the Society for Industrial and Applied Mathematics (SIAM), and the Institute of Electrical and Electronics Engineers (IEEE) and a foreign member of the Russian Academy of Sciences and a foreign member of the Royal Society (ForMemRS). Dongarra received the "2021 Turing Award" for pioneering concepts and methods which resulted in world-changing computations. His algorithms and software are regarded to have fueled the growth of high-performance computing and had significant impacts in many areas of computational science, from artificial intelligence to computer graphics.

DBLP record upto 2022 associates his name for 6 items/publications in CCGrid.

He is associated with CCGrid conference series since its foundation (in various roles including as as Steering Committee member, author, and honorary chair, and also delivered a keynote talk).

As 2020 and 2021 events were held 100% virtual due to COVID travel restrictions and 2022 event was hybrid. Therefore, some of our SC members participation was also virtual and SC matters discussion was regularly carried out electronically. Hence we considered it as attendance during this unprecedented period.

| Paper counts: |  |
|---------------|--|
|---------------|--|

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

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

## Area Leaders publishing

Method of selection: Some of the researchers drawn from <a href="https://research.com/scientists-rankings/computer-science">https://research.com/scientists-rankings/computer-science</a> listing which is "Best Computer Science Scientists" ordered based on their h-index.

Also from Google Scholar whose primary area of research is Cloud Computing:

https://scholar.google.com/citations?view\_op=search\_authors&hl=en&mauthors=label:cloud\_computing

Also included EiCs of two A\* rated journals (IEEE TPDS and IEEE TSC).

Keyword: Cloud Computing

| name                    | h-index | gscholar url   |
|-------------------------|---------|--|
| Wil M. P. van der Aalst | 173     | https://scholar.google.com/citations?user=aSZYyxIAAAAJ&hl=en |
| Ion Stoica              | 146     | https://scholar.google.com/citations?hl=en&user=vN-is70AAAAJ |
| Laurence T. Yang        | 95      | https://scholar.google.com/citations?hl=en&user=a39Yz5cAAAAJ |
| Hai Jin                 | 81      | https://scholar.google.com/citations?hl=en&user=o02WOaEAAAAJ |
| Ling Liu                | 82      | https://scholar.google.com/citations?hl=en&user=VIwtdckAAAAJ |
| Christos Kozyrakis      | 86      | https://scholar.google.com/citations?hl=en&user=G2EJz5kAAAAJ |
| Roy H Campbell          | 79      | https://scholar.google.com/citations?hl=en&user=2ftJYXMAAAAJ |
| Jiannong Cao            | 74      | https://scholar.google.com/citations?hl=en&user=q2jH-3sAAAAJ |
| Azer Bestavros          | 65      | https://scholar.google.com/citations?hl=en&user=S5B0QmMAAAAJ |
| Keqin Li                | 74      | https://scholar.google.com/citations?hl=en&user=x0YtT7QAAAAJ |
| Yi Pan                  | 91      | https://scholar.google.com/citations?hl=en&user=2F-jTfEAAAAJ |
| Dhabaleswar K. Panda    | 73      | https://scholar.google.com/citations?hl=en&user=7FXtL98AAAAJ |
| Dennis Gannon           | 62      | https://scholar.google.com/citations?hl=en&user=atADlJgAAAAJ |
| Sanjay Ranka            | 63      | https://scholar.google.com/citations?hl=en&user=j7WSgbwAAAAJ |
| Yuanyuan Yang           | 65      | https://scholar.google.com/citations?hl=en&user=sPDAJ7MAAAAJ |
| Mukesh Singhal          | 56      | https://scholar.google.com/citations?hl=en&user=If8AWhgAAAAJ |
| Ioan Raicu              | 46      | https://scholar.google.com/citations?hl=en&user=jE73HYAAAAAJ |
| Henri Bal               | 62      | https://scholar.google.com/citations?user=ZUTFG_YAAAAJ&hl=en |
| Bingsheng He            | 57      | https://scholar.google.com/citations?user=RogYLKYAAAAJ&hl=en |
| Xian-He Sun             | 46      | https://scholar.google.com/citations?user=9h3JX7MAAAAJ&hl=en |
| Albert Zomaya           | 91      | https://scholar.google.com/citations?user=ak35bjgAAAAJ&hl=en |
| Ernesto Damiani         | 62      | https://scholar.google.com/citations?user=aC7ZsHAAAAAJ&hl=en |

WPP Report: http://portal.core.edu.au/core/media/2023/wpp\_reports/nUsoHCQk.txt

2. IEEE/ACM International Symposium on Cluster, Cloud and Internet Computing (CCGRID) Core Rank: A

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This venue was published at 13 times by 6 of 17 individuals in the last 5+ years.

The individuals that publish at this venue are: Albert Y. Zomaya(6), Xian-He Sun(3), Ernesto Damiani(1), Henri E. Bal(1), Ioan Raicu(1), Laurence T. Yang(1)

In 2018, there were 3 publications by 3 individuals: Albert Y. Zomaya, Ernesto Damiani, Henri E. Bal In 2019, there were 3 publications by 3 individuals: Albert Y. Zomaya, Laurence T. Yang, Xian-He Sun In 2020, there were 3 publications by 1 individuals: Albert Y. Zomaya In 2021, there were 2 publications by 2 individuals: Albert Y. Zomaya, Xian-He Sun In 2022, there were 2 publications by 2 individuals: Ioan Raicu, Xian-He Sun

6 out of the 17 individuals published at this venue in 1 or more years 2 out of the 17 individuals published at this venue in 3 or more years 1 out of the 17 individuals published at this venue in 4 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\_computingsystems Position in sub-category: 20+ h5 index of 20th item in category: 42 h5 index for this conference: 27

### **Relationship to similar conferences**

Partial ordering of similar conferences in the area, with argument as to where the current venue fits and why: International conference on parallel processing (ICPP) International Parallel and Distributed Processing Symposium (IPDPS) IEEE International Conference on Distributed Computing Systems (ICDCS) International ACM Symposium on High-Performance Parallel and Distributed Computing (HPDC) International Symposium on High Performance Computer Architecture (HPCA) A Unique Nature/Quality of CCGrid: The CCGrid conference series is one among a few selected premier conferences, which are truly "global" and inclusive in nature. The past events in this series are hosted all over the world and published "high quality" papers and maintained low acceptance rate along while attracting healthy 250+ participants/attendees on average each year. Its PCs/Vice-Chairs/PC Chairs/General Chairs/Authors/Steering Committee members are well known in the field and received many international research leadership/contributions awards/recognitions. For example, Jack Dongarra who serves on CCGrid Steering Committee (since its foundation) received ACM Turing Award in 2021; Ian Foster who served as General Chair of the CCGrid 2014 (Chicago, USA) well known as the "Father of Grid Computing"; and Satoshi Matsuoka is the Director of Riken Center for Computational Science (R-CCS), the top-tier national HPC center for Japan. Due to this unique nature and quality of its technical papers/program and researchers involved, CCGrid deserves to be rated as A\*.

## **Other Information**

## **Other Relvant Info**

Other relevant information: A latest CCGrid Steering Committee members list is enclosed. Most of the SC members are/were assumed leadership roles (such as General or Program Chair) in the organization of some of past events as part of CCGrid series.

### Attachments

http://portal.core.edu.au/core/media/2023/request\_attachment/ccgrid-sc-members.txt

#### Proposers

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First name: Ana-Lucia Last name: Varbanescu Affiliation: The University of Twente, Netherlands Email: a.l.varbanescu@utwente.nl

#### Submitted By

Name: Buyya Rajkumar Email: rbuyya@unimelb.edu.au