



Submission Data for 2020-2021 CORE conference Ranking process
IEEE/ACM International Conference on Big Data Computing, Applications and Technologies

Xinghui Zhao

Conference Details

Conference

Title: IEEE/ACM International Conference on Big Data Computing, Applications and Technologies
Acronym : BDCAT

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/bdc/bdcat2019.html>

For Codes

For1: 4605

For2: 4611

For3: 4601

Recent Years

Proceedings Publishing Style

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://dl.acm.org/doi/proceedings/10.1145/3365109>

Further details: The BDCAT proceedings are published by ACM in odd years, and by IEEE in even years (we alternate publishers). The conference is co-located with UCC (Utility and Cloud Computing). The BDCAT proceedings contain both regular papers and short papers. Regular papers have a page limit of 10, and short papers have a page limit of 4.

Most Recent Years

Most Recent Year

Year: 2019

URL: <https://www.bdcat-conference.org>

Location: Auckland, New Zealand

Papers submitted: 47

Papers published: 13

Acceptance rate: 28

Source for numbers: <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3365109>

General Chairs

Name: Josef Spillner Affiliation: Zurich University of Applied Sciences, Switzerland Gender: M H Index: 13 GScholar url: DBLP url: https://dblp.org/search?q=Josef%20Spillner
Name: Kenneth Johnson Affiliation: Auckland University of Technology, New Zealand Gender: M H Index: GScholar url: DBLP url: https://dblp.org/search?q=Kenneth%20Johnson%20author%3AKenneth_Johnson%3A

Program Chairs

Name: Xinghui Zhao Affiliation: Washington State University, USA Gender: F H Index: 10 GScholar url: https://scholar.google.com/citations?hl=en&user=rC7Om48AAAAJ DBLP url: https://dblp.org/pid/38/5842.html
Name: Blesson Varghese Affiliation: Queen's University Belfast, UK Gender: M H Index: 18 GScholar url: https://scholar.google.com/citations?hl=en&user=2JoDRIMAAAAJ DBLP url: https://dblp.org/search?q=Blesson+Varghese
Name: Olga Datskova Affiliation: CERN, France Gender: F H Index: GScholar url: DBLP url:

Second Most Recent Year

Year: 2018

URL: <https://www.bdcate-conference.org>

Location: Zurich, Switzerland

Papers submitted: 101

Papers published: 24

Acceptance rate: 24

Source for numbers: <https://www.computer.org/csdl/pds/api/csdl/proceedings/download-article/17D45WwsQ7Q/pdf>

General Chairs

Name: Josef Spillner Affiliation: Zurich University of Applied Sciences, Switzerland Gender: M H Index: 13 GScholar url: DBLP url: https://dblp.org/search?q=Josef%20Spillner
Name: Alan Sill Affiliation: Texas Tech University Gender: SELECT H Index: 136 GScholar url: https://scholar.google.com/citations?hl=en&user=04mjU_sAAAAJ DBLP url:

Program Chairs

Name: Xinghui Zhao Affiliation: Washington State University, USA Gender: F H Index: 10 G Scholar url: https://scholar.google.com/citations?hl=en&user=rC70m48AAAAJ DBLP url: https://dblp.org/pid/38/5842.html
Name: Richard Sinnott Affiliation: University of Melbourne, Australia Gender: M H Index: 28 G Scholar url: https://scholar.google.com/citations?hl=en&user=irye6KMAAAAJ DBLP url: https://dblp.org/pid/99/6289.html

Third Most Recent Year

Year: 2017
URL: <https://www.bdcate-conference.org>
Location: Austin, Texas, USA
Papers submitted: 93
Papers published: 27
Acceptance rate: 29
Source for numbers: <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3148055>

General Chairs

Name: Alan Sill Affiliation: Texas Tech University Gender: M H Index: 136 G Scholar url: https://scholar.google.com/citations?hl=en&user=04mjU_sAAAAJ DBLP url:
Name: Ashiq Anjum Affiliation: University of Leicester, UK Gender: SELECT H Index: 24 G Scholar url: https://scholar.google.com/citations?hl=en&user=oJZppkQAAAAJ DBLP url:

Program Chairs

Name: Xinghui Zhao Affiliation: Washington State University, uSA Gender: F H Index: 10 G Scholar url: https://scholar.google.com/citations?hl=en&user=rC70m48AAAAJ DBLP url: https://dblp.org/pid/38/5842.html
Name: Shrideep Pallickara Affiliation: Colorado State University, USA Gender: M H Index: 36 G Scholar url: https://scholar.google.com/citations?hl=en&user=yjFpPkYAAAAJ DBLP url: https://dblp.org/pid/p/ShrideepPallickara.html
Name: Jiannong Cao Affiliation: Hong Kong Polytechnic University Gender: M H Index: 63 G Scholar url: https://scholar.google.com/citations?hl=en&user=q2jH-3sAAAAJ DBLP url: https://dblp.org/pid/c/JiannongCao.html
Name: Mohsen Farid Affiliation: University of Derby, UK Gender: M H Index: G Scholar url: DBLP url:

Policies

Chair Selection: Conference chairs were selected by the Steering Committee based on the following criteria:

1) Contributions to the past events; 2) Research productivity in relevant research areas; 3) Experiences of chairing international conferences; 4) Willingness of devoting time and energy to the conference.

Policy name: ACM SIGARCH Conference Guidelines

Policy url: <https://www.sigarch.org/about-us/sigarch-conference-guidelines/>

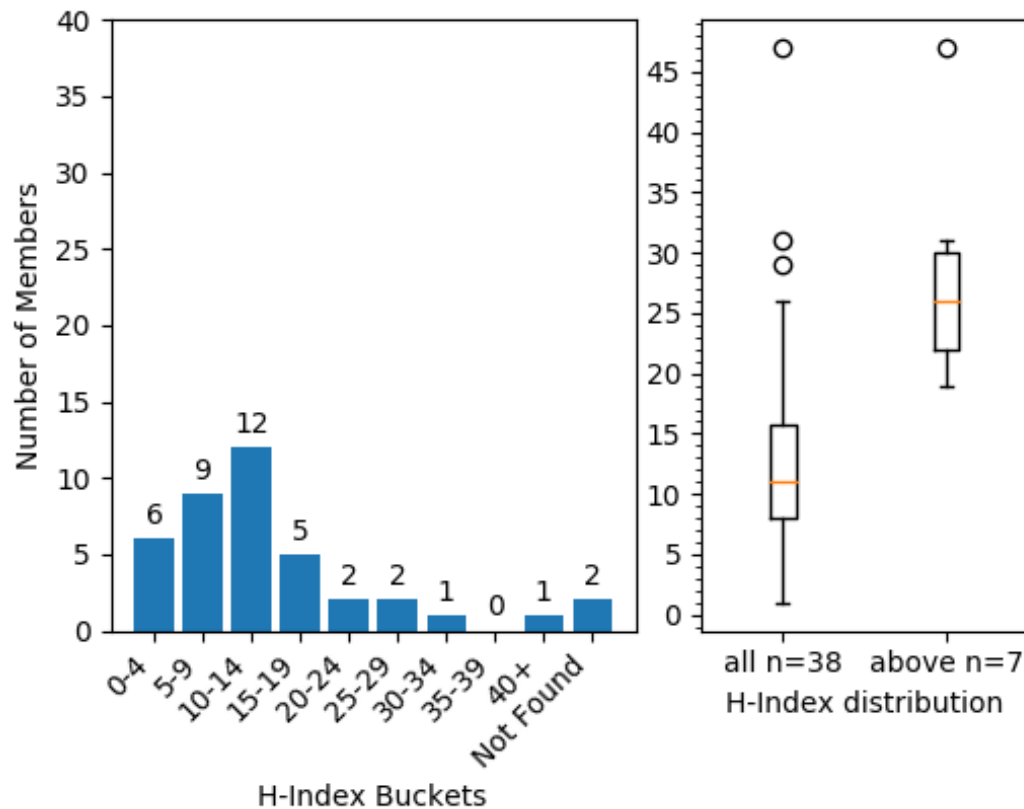
(Senior) Program Committee

Link to (s)pc: <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3365109>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/PC_gidCfyk.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1477.png

Information Contained within this graph is derived using the Elsevier Scopus Database 2021.



Data and Metrics

Google Scholar Metrics

Sub-category url: https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_datamininganalysis

Position in sub-category: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/addrank1477_gscholar_minh5.png

Categories > Engineering & Computer Science > Data Mining & Analysis		
Publication	h5-index	h5-median
1. ACM SIGKDD International Conference on Knowledge Discovery and Data Mining	90	144
2. IEEE Transactions on Knowledge and Data Engineering	81	117
3. International Conference on Artificial Intelligence and Statistics	57	89
4. ACM International Conference on Web Search and Data Mining	54	95
5. IEEE International Conference on Data Mining Workshop (ICDMW)	48	79
6. ACM Conference on Recommender Systems	46	73
7. Knowledge and Information Systems	43	60
8. IEEE International Conference on Big Data	41	52
9. ACM Transactions on Intelligent Systems and Technology (TIST)	39	65
10. Data Mining and Knowledge Discovery	37	71
11. Journal of Big Data	34	84
12. SIAM International Conference on Data Mining (SDM)	33	52
13. European Conference on Machine Learning and Knowledge Discovery in Databases	31	51
14. ACM Transactions on Knowledge Discovery from Data (TKDD)	30	54
15. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	29	62
16. Social Network Analysis and Mining	24	30
17. IEEE International Conference on Data Science and Advanced Analytics (DSAA)	23	41
18. Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD)	23	35
19. Advances in Data Analysis and Classification	20	32
20. Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis	19	42

No Google Scholar h5 index available for this conference

Potential reason for no h5 index: The BDCAT conference series is still new. However, recently many good researchers from top institutions around the world have published their work at BDCAT, and Chairs and participants are from institutions around the world. We believe the conference will soon gain much more attention. Having A rating in CORE system will help the conference grow and attract more researchers to publish at this conference.

ACM Metrics

Is an ACM sponsored conference: True

Providing ACM Stats: True

ACM Statistics

Downloads in last 12 months: 5958

Average citations per article: 2

Average downloads per article: 145

ACM Most frequently publishing

Name: Ashiq Anjum Paper Count: 4 Google Scholar h-index: 24 Gscholar url: https://scholar.google.com/citations?hl=en&user=oJZppkQAAAAJ
Name: Richard Sinnott Paper Count: 4 Google Scholar h-index: 28 Gscholar url: https://scholar.google.com/citations?hl=en&user=irye6KMAAAAJ
Name: Muhammad Usman Yaseen Paper Count: 2 Google Scholar h-index: 5 Gscholar url: https://scholar.google.com/citations?hl=en&user=ez5JPcEAAAAJ
Name: Linh Le Paper Count: 2 Google Scholar h-index: 9 Gscholar url: https://scholar.google.com/citations?hl=en&user=t3jFHj0AAAAJ
Name: Dhabaleswar Panda Paper Count: 2 Google Scholar h-index: 65 Gscholar url: https://scholar.google.com/citations?hl=en&user=7FXtL98AAAAJ
Name: Ivan Rodero Paper Count: 2 Google Scholar h-index: 24 Gscholar url: https://scholar.google.com/citations?hl=en&user=yKnlVl4AAAAJ
Name: Iman Elghandour Paper Count: 2 Google Scholar h-index: 8 Gscholar url: https://scholar.google.com/citations?hl=en&user=L_MCU18AAAAJ
Name: Xiaoyi Lu Paper Count: 2 Google Scholar h-index: 22 Gscholar url: https://scholar.google.com/citations?hl=en&user=BeYVNHIAAAAAJ
Name: Ying Xie Paper Count: 2 Google Scholar h-index: 18 Gscholar url: https://scholar.google.com/citations?hl=en&user=lHpEiH0AAAAJ
Name: Yan Tang Paper Count: 2 Google Scholar h-index: 7 Gscholar url: https://scholar.google.com/citations?hl=en&user=-olx3SYAAAAJ

Aminer Rank

Not Listed in Aminer

Other Rankings

Not aware of any other Rankings

Conferences in area: IEEE International Conference on Big Data; ACM/IEEE International Conference on Big Data Computing, Applications and Technologies

Top People Publishing Here

Not Providing Top People Publishing Here

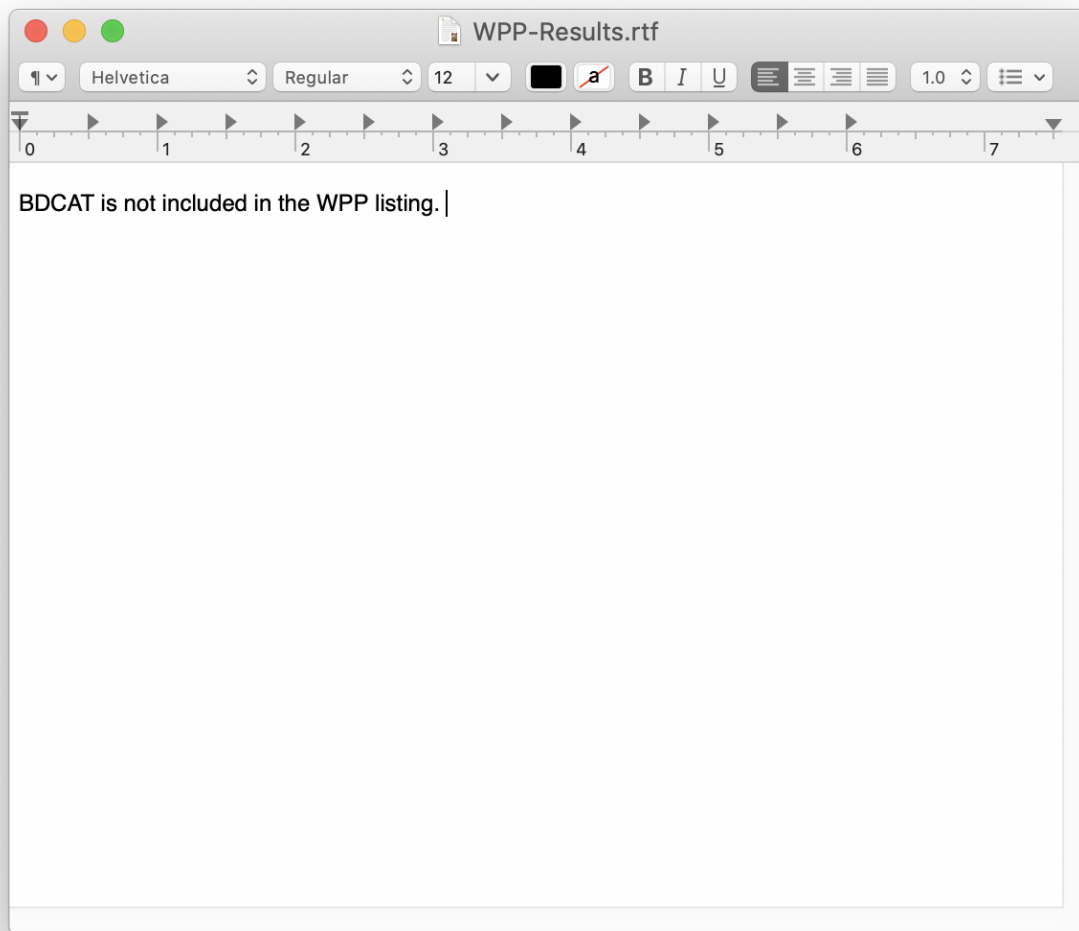
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/addrank1477_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/addrank1477_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1477_spc_graph.png



Reference item: \\ BDCAT is now included in the WPP listing.

Top People Report

Method of selection: The list of Top 20 names are generated by searching "Big data" and "Machine Learning" on Google Scholar, and choosing the top cited authors.

Keyword:	name	h-index	gscholar url
	Amit kumar	98	https://scholar.google.com/citations?hl=en&user=x2tzYAYAAAAJ
	Leandro dos Santos Coelho	60	https://scholar.google.com/citations?hl=en&user=OX7Vkc4AAAAJ
	Barry Davis	102	https://scholar.google.com/citations?hl=en&user=Ioga5YIAAAAAJ
	Anders Krogh	77	https://scholar.google.com/citations?hl=en&user=-vGMjmwAAAAJ
	Richard Olshen	55	https://scholar.google.com/citations?hl=en&user=36sQJKAAAAAJ
	John PA Ioannidis	209	https://scholar.google.com/citations?hl=en&user=JiiMY_wAAAAJ
	Sadia Khalil	167	https://scholar.google.com/citations?hl=en&user=Z2DNAOMAAAAJ
	Max Baak	200	https://scholar.google.com/citations?hl=en&user=kgh4wYMAAAAAJ
	Anders M. Dale	158	https://scholar.google.com/citations?hl=en&user=F4URLXYAAAAJ
	Wil van der Aalst	155	https://scholar.google.com/citations?hl=en&user=aSZYyxIAAAAAJ
	Cecilia Lindgren	105	https://scholar.google.com/citations?hl=en&user=tUfIwt8AAAAJ
	Vince D. Calhoun	117	https://scholar.google.com/citations?hl=en&user=WN0oGKIAAAAAJ
	Matthew D Wilkerson	75	https://scholar.google.com/citations?hl=en&user=AxS3Z-UAAAAJ
	Jan Korbel	77	https://scholar.google.com/citations?hl=en&user=uLVRSuwAAAAJ
	Xiaole Shirley Liu	96	https://scholar.google.com/citations?hl=en&user=8XNfVucAAAAJ
	Ruslan Salakhutdinov	91	https://scholar.google.com/citations?hl=en&user=ITZ1e7MAAAAAJ
	Klaus-Robert MÅijller	126	https://scholar.google.com/citations?hl=en&user=jp1Qac8AAAAJ
	Tom Mitchell	90	https://scholar.google.com/citations?hl=en&user=MnfzuPYAAAAJ
	Chris Williams	56	https://scholar.google.com/citations?hl=en&user=rvKJDbIAAAAAJ
	Max Welling	74	https://scholar.google.com/citations?hl=en&user=8200InoAAAAJ

This conference was published at 1 times by 1 of 8 experts in the last 5 years.

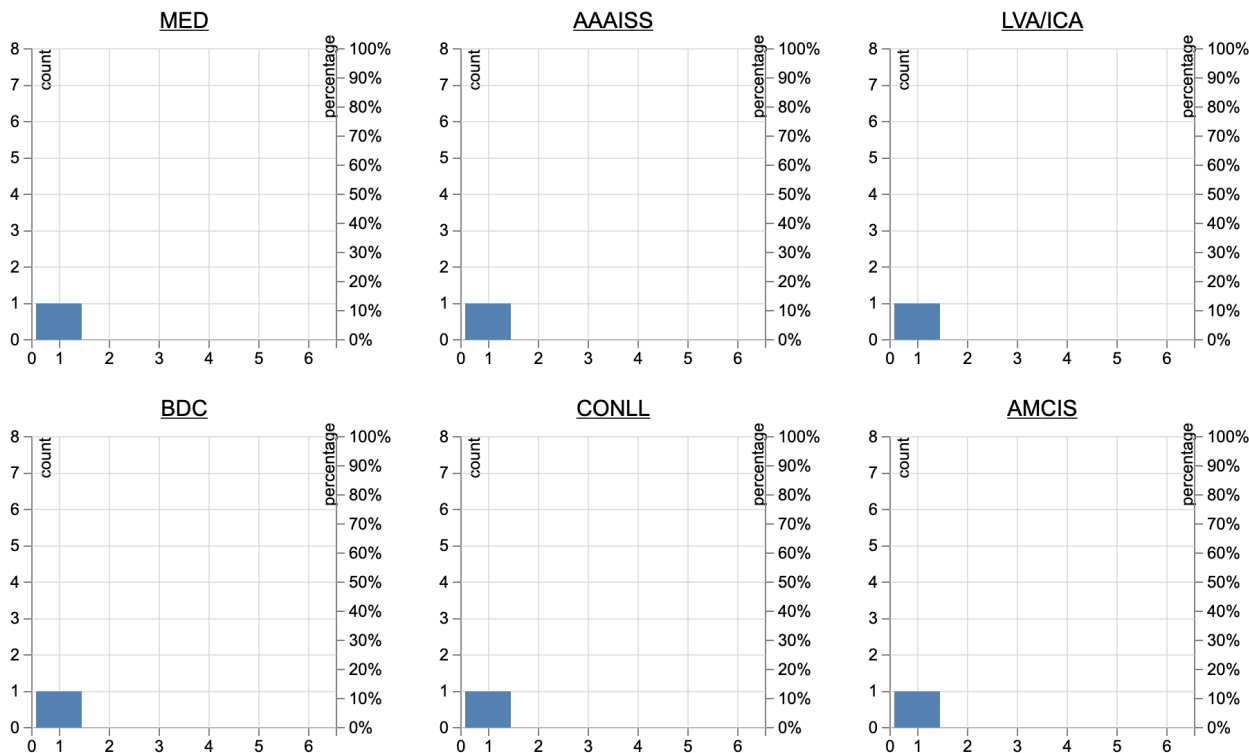
The experts that publish at this conference are: Wil M. P. van der Aalst(1)

In 2015, there were 1 publications by 1 experts: Wil M. P. van der Aalst

1 out of the 8 experts published at this conference in 1 or more years WPP Report:

http://portal.core.edu.au/core/media/conf_rank_report/addrank1477_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1477_top_people_graph.png



Other Information

Comparator Comparison

Comparator

Pacific-Asia Conference on Knowledge Discovery and Data Mining

Explanation as to why conference is superior to comparator:

PAKDD is held in Pacific-Asia region, while BDCAT has been held in North America, Europe, Asia, and Oceania. The chairs and authors are from many top institutions around the world. BDCAT has a great potential to grow to a globally recognized international conference on Big Data Computing.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1477_573.pdf

Comparator

International Conference on Scientific and Statistical Data Base Management

Explanation as to why conference is superior to comparator:

BDCAT has a very competitive acceptance rate with is at or below 29%. SSDBM has acceptance rate higher than 30% (2019: 30%; 2018: 31%), and for the 2017 conference, the acceptance rate data was not published.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1477_574.pdf

Attachments

N/A

Proposers

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