



**Submission Data for 2020-2021 CORE conference Ranking process  
IEEE International Conference on Data Mining**

Xindong Wu, Dacheng Tao, James Bailey, Chengqi Zhang, Jia Wu

**Conference Details**

**Conference**

Title: IEEE International Conference on Data Mining  
Acronym : ICDM  
Rank: A\*

**Requested Rank**

Rank: A\*

**Recent Years**

**Proceedings Publishing Style**

Proceedings Publishing: series  
Link to most recent proceedings: <https://ieeexplore.ieee.org/xpl/conhome/1000179/all-proceedings>  
Further details: Publisher: IEEE CPS ( <https://www.computer.org/conferences/cps>)

**Most Recent Years**

**Most Recent Year**

Year: 2019  
URL: <http://icdm2019.bigke.org/>  
Location: Beijing, China  
Papers submitted: 1046  
Papers published: 95  
Acceptance rate: 9  
Source for numbers: <http://icdm.bigke.org/ICDMAcceptanceRates.shtml>

**General Chairs**

Name: Xindong Wu Affiliation: Mininglamp Academy of Sciences Gender: M H Index: 66 GScholar url: <a href="https://scholar.google.com/citations?user=X8sHmqIAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=X8sHmqIAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/59/4107.html">https://dblp.org/pid/59/4107.html</a>
Name: Francisco Herrera Affiliation: University of Granada Gender: M H Index: 147 GScholar url: <a href="https://scholar.google.com/citations?user=HULIk-QAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=HULIk-QAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/04/0.html">https://dblp.org/pid/04/0.html</a>

**Program Chairs**

Name: Jianyong Wang Affiliation: Tsinghua University Gender: M H Index: 50 GScholar url: <a href="https://scholar.google.com/citations?user=VfBaiG8AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=VfBaiG8AAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/24/2006.html">https://dblp.org/pid/24/2006.html</a>
Name: Kyuseok Shim Affiliation: Seoul National University Gender: M H Index: 52 GScholar url: <a href="https://scholar.google.com/citations?user=3Y254i4AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=3Y254i4AAAAJ&amp;hl=en&amp;oi=ao</a> DBLP url: <a href="https://dblp.org/pid/s/KyuseokShim.html">https://dblp.org/pid/s/KyuseokShim.html</a>

### Second Most Recent Year

Year: 2018  
URL: <https://ieeexplore.ieee.org/xpl/conhome/8591042/proceeding>  
Location: Singapore  
Papers submitted: 948  
Papers published: 84  
Acceptance rate: 9  
Source for numbers: <http://icdm.bigke.org/ICDMAcceptanceRates.shtml>

### General Chairs

Name: Feida Zhu Affiliation: Singapore Management University Gender: M H Index: 32 GScholar url: <a href="https://scholar.google.com/citations?user=uLa0zdcAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=uLa0zdcAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/77/1985.html">https://dblp.org/pid/77/1985.html</a>
Name: Jeffrey Xu Yu Affiliation: The Chinese University of Hong Kong Gender: M H Index: 74 GScholar url: <a href="https://scholar.google.com/citations?user=iHevumsAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=iHevumsAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/y/JXuYu.html">https://dblp.org/pid/y/JXuYu.html</a>

### Program Chairs

Name: Dacheng Tao Affiliation: The University of Sydney Gender: M H Index: 124 GScholar url: <a href="https://scholar.google.com/citations?user=RwlJNLcAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=RwlJNLcAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/46/3391.html">https://dblp.org/pid/46/3391.html</a>
Name: Bhavani Thuraisingham Affiliation: The University of Texas at Dallas Gender: F H Index: 61 GScholar url: <a href="https://scholar.google.com/citations?user=o_xUNWkAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=o_xUNWkAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/t/BMThuraisingham.html">https://dblp.org/pid/t/BMThuraisingham.html</a>

### Third Most Recent Year

Year: 2017  
URL: <http://icdm2017.bigke.org/>  
Location: New Orleans  
Papers submitted: 778  
Papers published: 72  
Acceptance rate: 9  
Source for numbers: <http://icdm.bigke.org/ICDMAcceptanceRates.shtml>

### General Chairs

Name: George Karypis Affiliation: University of Minnesota Gender: M H Index: 96 GScholar url: <a href="https://scholar.google.com/citations?user=ElqwScwAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=ElqwScwAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/k/GeorgeKarypis.html">https://dblp.org/pid/k/GeorgeKarypis.html</a>
Name: Lucio Miele Affiliation: LSHUHSC, New Orleans Gender: M H Index: A well-known professor in Genetics. GScholar url: <a href="https://www.medschool.lsuhsu.edu/genetics/faculty_detail.aspx?name=Miele_Lucio">https://www.medschool.lsuhsu.edu/genetics/faculty_detail.aspx?name=Miele_Lucio</a> DBLP url: <a href="https://loop.frontiersin.org/people/117799/overview">https://loop.frontiersin.org/people/117799/overview</a>

### Program Chairs

Name: Vijay Raghavan Affiliation: University of Louisiana at Lafayette Gender: M H Index: 41 GScholar url: <a href="https://scholar.google.com/citations?user=GFw9JacAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=GFw9JacAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/r/VVRaghavan1.html">https://dblp.org/pid/r/VVRaghavan1.html</a>
Name: Srinivas Aluru Affiliation: Georgia Institute of Technology Gender: M H Index: 40 GScholar url: <a href="https://scholar.google.com/citations?user=YOGOScoAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=YOGOScoAAAAJ&amp;hl=en</a> DBLP url: <a href="https://dblp.org/pid/a/SAluru.html">https://dblp.org/pid/a/SAluru.html</a>

### Policies

Chair Selection: There is an ICDM Steering Committee (<http://icdm.bigke.org/Steering.shtml>) that is uniquely formed to (1) include membership from those leaders who have contributed towards promoting data mining as a field and ICDM as the world's premier research conference in data mining, (2) provide a reasonable representation from different regions of the world, and (3) provide sustainable leadership for ICDM activities. The ICDM Steering Committee selects the following chairs:

Program Chair(s): The Steering Committee selects, adds, and replaces Program Chair(s) when the need arises throughout the year.

Proceedings Chair: The Steering Committee Chair acts as the Proceedings Chair each year to interact with the IEEE Computer Society Press for formal paperwork and provide final approval of the proceedings.

Awards Committee Chair: The Awards Committee Chair should come from one of the past 10-year impact paper award winners, and will have the Program Chairs, Steering Committee Chair, and 3 additional established data mining researchers to form the awards committee. This committee will select the best papers and, since 2010, the 10-year highest impact paper.

Publicity Chair: The Publicity Chair has a critical role in attracting paper submissions and conference/workshop participants, and should have a passion for ICDM. This person has to work closely with both the Steering Committee and the current year's other organizers to develop a detailed publicity plan and then follow it through.

Policy name: Guidelines for ICDM Conference Organizers

Policy url: <http://icdm.bigke.org/Guide.shtml>

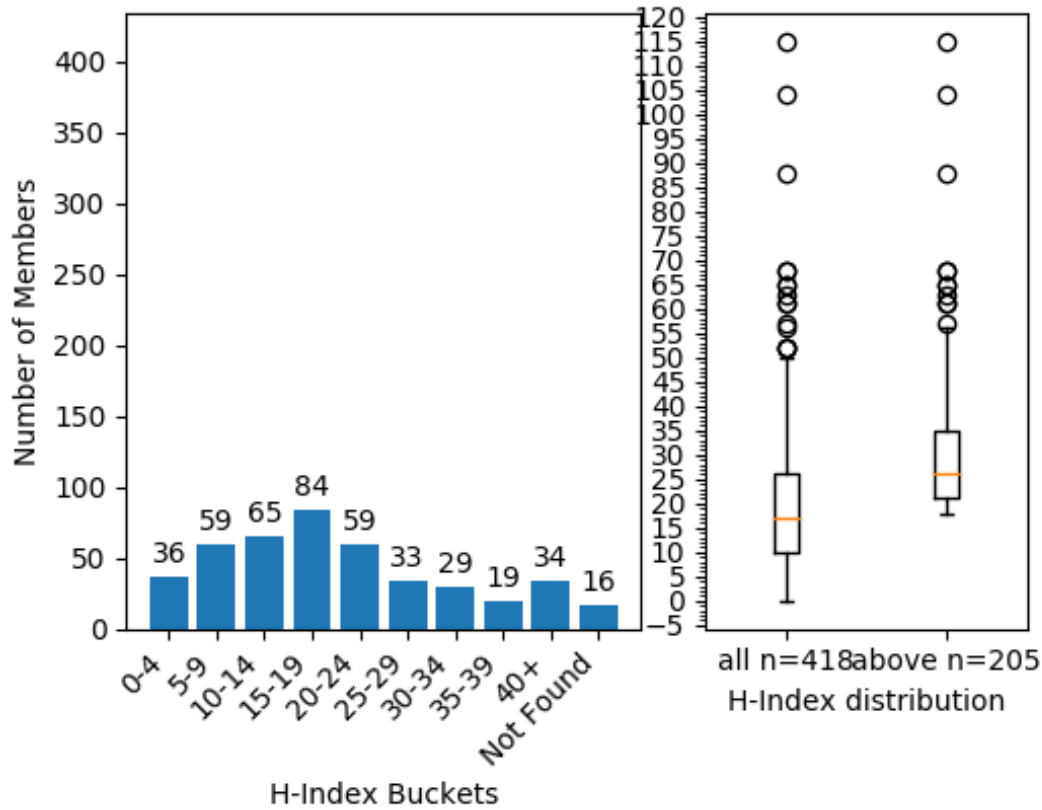
### (Senior) Program Committee

Link to (s)pc: <http://icdm2019.bigke.org/index.php/program-committee/>

File: [http://portal.core.edu.au/core/media/conf\\_submissions\\_spc\\_file/ICDM\\_mAF7EM9\\_BVAFqYH.txt](http://portal.core.edu.au/core/media/conf_submissions_spc_file/ICDM_mAF7EM9_BVAFqYH.txt)

H-index plot: [http://portal.core.edu.au/core/media/conf\\_submissions\\_hindex\\_plots/higherrank\\_hindex\\_buckets\\_1096.png](http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/higherrank_hindex_buckets_1096.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](https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_datamininganalysis)

Position in sub-category: 5

Image of top 20: [http://portal.core.edu.au/core/media/changes\\_h5/higherrank1096\\_gscholar\\_minh5.pdf](http://portal.core.edu.au/core/media/changes_h5/higherrank1096_gscholar_minh5.pdf)

h5-index for this conference: 48

### ACM Metrics

Not Sponsored by ACM

### Aminer Rank

Aminer rank: 7

Aminer name: International Conference on Data Mining

Acronym / shortname: ICDM

h-5 index: 48

CCF level: B

THU level: B

Top Aminer Cites: [http://portal.core.edu.au/core/media/conf\\_submissions\\_citations/higherrank1096\\_aminer\\_top\\_cite.png](http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1096_aminer_top_cite.png)

## Publications

[Top Cited](#)

[Authors](#)

[Affiliations](#)

[Browse by Citation](#)

1	<b>gSpan: Graph-Based Substructure Pattern Mining</b> Xifeng Yan, Jiawei Han (2002)	Cited by <b>2630</b>
2	<b>Collaborative Filtering for Implicit Feedback Datasets</b> Yifan Hu, Yehuda Koren, Chris Volinsky (2008)	Cited by <b>1919</b>
3	<b>CMAR: Accurate and Efficient Classification Based on Multiple Class-Association Rules</b> Wenmin Li, Jiawei Han, Jian Pei (2001)	Cited by <b>1670</b>
4	<b>Defining and evaluating network communities based on ground-truth</b> Jaewon Yang, Jure Leskovec (2015)	Cited by <b>1495</b>
5	<b>Frequent Subgraph Discovery</b> Michihiro Kuramochi, George Karypis (2001)	Cited by <b>1404</b>
6	<b>An Online Algorithm for Segmenting Time Series</b> Eamonn J. Keogh, Selina Chu, David Hart, Michael J. Pazzani (2001)	Cited by <b>1261</b>
7	<b>Isolation Forest</b> Fei Tony Liu, Kai Ming Ting, Zhi-Hua Zhou (2008)	Cited by <b>1238</b>
8	<b>Exploratory Under-Sampling for Class-Imbalance Learning</b> Xu-Ying Liu, Jianxin Wu, Zhi-Hua Zhou (2006)	Cited by <b>1179</b>
9	<b>Factorization Machines</b> Steffen Rendle (2010)	Cited by <b>1152</b>
10	<b>S4: Distributed Stream Computing Platform</b> Leonardo Neumeyer, Bruce Robbins, Anish Nair, Anand Kesari (2010)	Cited by <b>1100</b>

## Other Rankings

URL: <https://www.scimagojr.com/journalrank.php?category=2201&type=p>

Description: The Shape of Science is an information visualization project whose aim is to reveal the structure of science. Its interface has been designed to access the bibliometric indicators database of the SCImago Journal & Country Rank portal.

Rank: 9/151

Conferences in area: ACM SIGKDD International Conference on Knowledge Discovery and Data Mining IEEE International Conference on Data Mining IEEE International Conference on Data Engineering ACM SIGMOD-SIGACT-SIGART Conference on Principles of Database Systems Data Compression Conference The ACM Conference on Information and Knowledge Management SIAM International Conference on Data Mining Pacific-Asia Conference on Knowledge Discovery and Data Mining

## Top People Publishing Here

name: Hui Xiong

justification: Fellow of AAAS and IEEE, ACM Distinguished Scientist

Google H-index: 67

Google Scholar: <https://scholar.google.com/citations?user=cVDF1tkAAAAJ&hl=en>

Homepage: <http://datamining.rutgers.edu/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
3	4	3	4	9

Attendance: ALWAYS

name: Philip S. Yu

justification: Fellow of ACM and IEEE

Google H-index: 168

Google Scholar: <https://scholar.google.com/citations?user=D01L1r0AAAAJ&hl=en>

Homepage: <https://www.cs.uic.edu/PSYu/>.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	5	5	1	4

Attendance: ALWAYS

name: Jiawei Han

justification: Fellow of ACM and IEEE

H-index: 179

Google Scholar: <https://scholar.google.com/citations?user=Kv9AbjMAAAAJ&hl=en>

Homepage: <https://hanj.cs.illinois.edu/>.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	4	0	1	2

Attendance: ALWAYS

name: Christos Faloutsos

justification: Fellow of the ACM

H-index: 135

Google Scholar: <https://scholar.google.com/citations?user=nd81QQIAAAAJ&hl=en>

Homepage: <http://www.cs.cmu.edu/~christos/>.

Paper counts:

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

Attendance: ALWAYS

name: Xindong Wu

justification: Fellow of the IEEE

H-index: 66

Google Scholar: <https://scholar.google.com/citations?user=X8sHmqIAAAAJ&hl=en>

Homepage: <http://xwu.bigke.org/>

Paper counts:

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

Attendance: ALWAYS

name: Svetha Venkatesh

justification: ARC Laureate Fellow (2017)

H-index: 63

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

Homepage: <https://www.deakin.edu.au/about-deakin/people/svetha-venkatesh>

Paper counts:

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

Attendance: ALWAYS

name: Aidong Zhang

justification: Fellow of ACM and IEEE

Google H-index: 48

Google Scholar: <https://scholar.google.com/citations?user=08XxkE4AAAAJ&hl=en>

Homepage: <https://engineering.virginia.edu/faculty/aidong-zhang>

Paper counts:

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

Attendance: ALWAYS

name: Enhong Chen

justification: IEEE Senior Member

Google H-index: 51

Google Scholar: <https://scholar.google.com/citations?user=Q9h02J0AAAAJ&hl=zh-CN>

Homepage: <http://staff.ustc.edu.cn/~cheneh/>.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
4	5	1	4	6

Attendance: ALWAYS

name: Eamonn Keogh

justification: Google H-index: 95

Google Scholar: <https://scholar.google.com/citations?user=sLVc0QIAAAAJ&hl=en>

Homepage: <https://www.cs.ucr.edu/~eamonn/>.

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
3	2	4	4	0

Attendance: ALWAYS

name: Xing Xie

justification: Google H-index: 83

Google Scholar: <https://scholar.google.com/citations?user=5EQfAFIAAAAJ&hl=en>

Homepage: <https://www.microsoft.com/en-us/research/people/xingx/>

Paper counts:

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

Attendance: ALWAYS

## Where People Publish

### Top (Senior) Program Committee Members

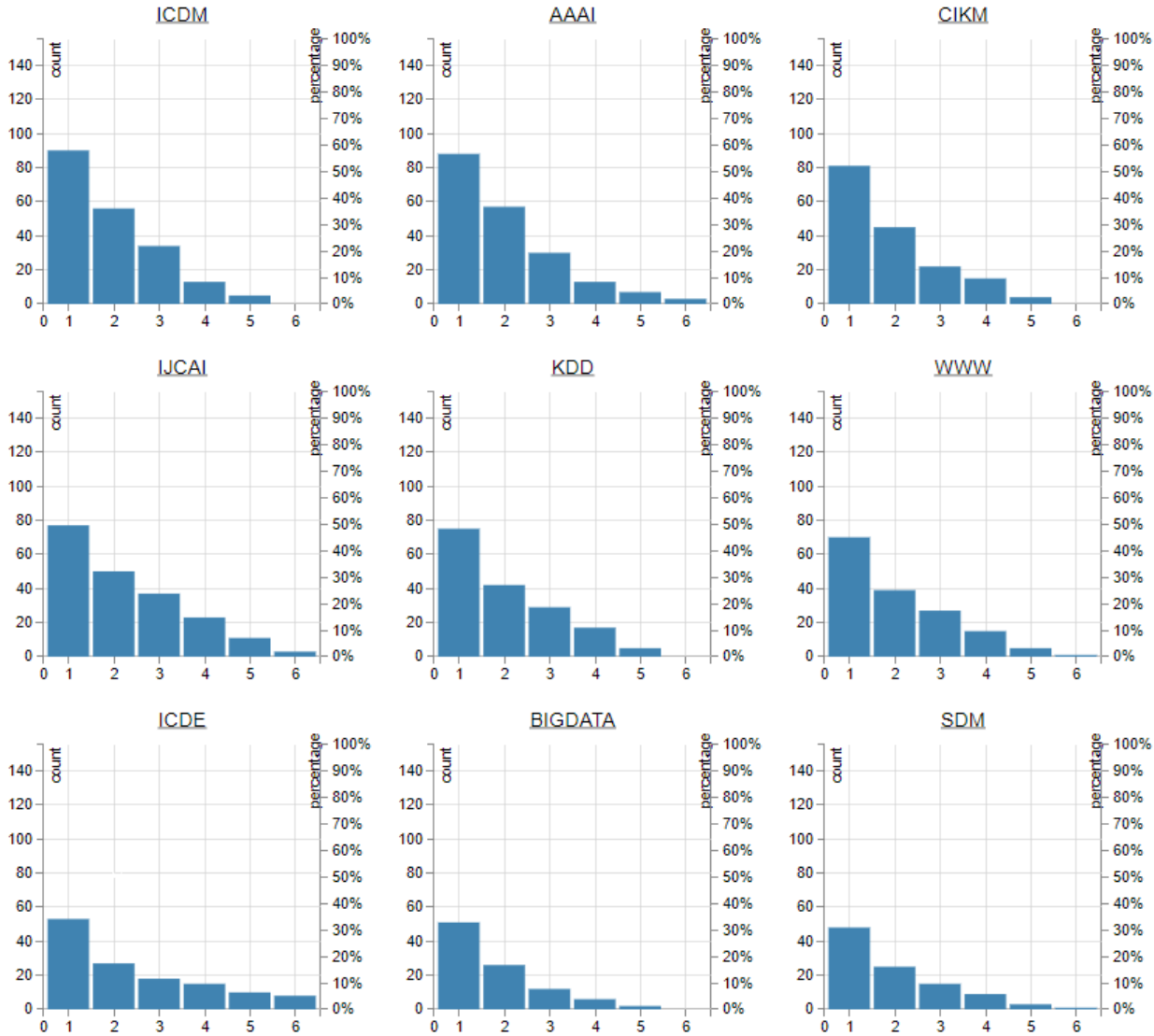
Generated Report Name: [conf\\_submissions\\_top\\_spc/higherrank1096\\_top\\_spc.csv](#)

WPP Report: [http://portal.core.edu.au/core/media/conf\\_rank\\_report/higherrank1096\\_spc\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/higherrank1096_spc_report.txt)

Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/higherrank1096\\_spc\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1096_spc_graph.png)

Repeat year publishing

These graphs show numbers of people publishing in multiple years. Each column shows number of people in that many or more years. The number publishing in a specific number of years can be seen by the difference with respect to the previous column.



Reference item: \\ Ranking order is first by number of the above people publishing in the venue, then by number of their publications, then by number of years with at least one publication from these people.

1. IEEE International Conference on Data Mining (ICDM)

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 This conference was published at 286 times by 90 of 155 experts in the last 5 years.

The experts that publish at this conference are: Dejing Dou(3), Lina Yao(6), Aijun An(1), Kristina Lerman(1), George Karypis(1), Sourav S. Bhowmick(2), Jialie Shen(1), Ankit Agrawal(6), Julian J. McAuley(5), Wen-Chih Peng(3), Claudia Plant(11), Hwanjo Yu(2), Xueqi Cheng(2), Lars Schmidt-Thieme(1), Heng Huang(5), Jingrui He(9), Lefei Zhang(5), Kai Ming Ting(4), Jie Yin(2), Evangelos E. Papalexakis(3), Charu C. Aggarwal(9), Sungroh Yoon(1), Xintao Wu(4), Kristian Kersting(3), Guandong Xu(1), Chengqi Zhang(6), Shirui Pan(3), Josep Domingo-Ferrer(2), Hengshu Zhu(6), Raymond Chi-Wing Wong(3), Elena Baralis(2), Chang-Tien Lu(6), Jaideep Srivastava(1), Gustavo Enrique De Almeida Prado Alves Batista(1), Fuzhen Zhuang(6), Hongning Wang(1), Kamalakar Karlapalem(2), Enhong Chen(20), Yizhou Sun(1), Lawrence O. Hall(1), Ananth Y. Grama(1), Andreas Hotho(1), Eamonn J. Keogh(13), Charalampos E. Tsourakakis(1), Aoying Zhou(1), Gautam Das 0001(1), Jilles Vreeken(9), Jun Huan(1), Xiangliang Zhang 0001(5), Jaegul Choo(2), Gao Cong(2), Abdullah Mueen(4), Alfredo Cuzzocrea(2), Leman Akoglu(3), Tim Oates(3), Alok N. Choudhary(6), Hongzhi Yin(3), Jian Pei(2), Daoqiang Zhang(1), Yongxin Tong(1), Ruoming Jin(3), Junjie Wu(5), Xindong Wu 0001(10), Lu Qin(1), Jiayu Zhou(10), Min-Ling Zhang(2), Hisashi Kashima(2), Bradley A. Malin(1), Xiangnan Kong(6), Bhavani M. Thuraisingham(1), Martin Atzmueller(1), Hanghang Tong(8), Vincent S. Tseng(3), Aidong Zhang(8), Xiaoyang Sean Wang(1), Xingquan Zhu(6), Panagiotis Karras(1), Zenglin Xu(2), Guoxian Yu(5), Zhi Wei(6), Longbing Cao(1), Aristides Gionis(9), Feida Zhu 0001(5), Yanfang Ye(2), Philippe



Cudr-Mauroux(2), Carlotta Domeniconi(5), Jeffrey Xu Yu(2), Victor S. Sheng(1), Ming Shao(2), Yi Chang(1)

In 2015, there were 55 publications by 43 experts: Vincent S. Tseng, Xintao Wu, Gautam Das 0001, Guandong Xu, Aidong Zhang, Lina Yao, Chengqi Zhang, Hengshu Zhu, Raymond Chi-Wing Wong, Elena Baralis, Chang-Tien Lu, Jialie Shen, Ruoming Jin, Wen-Chih Peng, Tim Oates, Claudia Plant, Jian Pei, Daoqiang Zhang, Fuzhen Zhuang, Kamalakar Karlapalem, Enhong Chen, Yongxin Tong, Zhi Wei, Junjie Wu, Aristides Gionis, Lars Schmidt-Thieme, Lawrence O. Hall, Feida Zhu 0001, Min-Ling Zhang, Jingrui He, Hisashi Kashima, Lefei Zhang, Kai Ming Ting, Xindong Wu 0001, Evangelos E. Papalexakis, Jeffrey Xu Yu, Bradley A. Malin, Sungroh Yoon, Xiangnan Kong, Hanghang Tong, Aoying Zhou, Ming Shao, Kristian Kersting

In 2016, there were 66 publications by 40 experts: Claudia Plant, Alok N. Choudhary, Xintao Wu, Kristian Kersting, Longbing Cao, Jie Yin, Jaegul Choo, Ananth Y. Grama, Aidong Zhang, Kai Ming Ting, Abdullah Mueen, Enhong Chen, Yizhou Sun, Yi Chang, Junjie Wu, Aristides Gionis, Xindong Wu 0001, Eamonn J. Keogh, Xingquan Zhu, Heng Huang, Xiangliang Zhang 0001, Jingrui He, Jilles Vreeken, Charalampos E. Tsourakakis, Sourav S. Bhowmick, Lefei Zhang, Chang-Tien Lu, Chengqi Zhang, Gao Cong, Ankit Agrawal, Evangelos E. Papalexakis, Charu C. Aggarwal, Gustavo Enrique De Almeida Prado Alves Batista, Julian J. McAuley, Jiayu Zhou, Tim Oates, Jaideep Srivastava, Ming Shao, Leman Akoglu, Zhi Wei

In 2017, there were 46 publications by 34 experts: Jilles Vreeken, Alok N. Choudhary, Xintao Wu, Dejing Dou, Zhi Wei, Claudia Plant, Jaegul Choo, Aidong Zhang, Hongning Wang, Julian J. McAuley, Enhong Chen, Victor S. Sheng, Kristian Kersting, Josep Domingo-Ferrer, Yanfang Ye, Alfredo Cuzzocrea, Philippe Cudr-Mauroux, Kristina Lerman, Jingrui He, Hisashi Kashima, Andreas Hotho, Chang-Tien Lu, Kai Ming Ting, Gao Cong, Eamonn J. Keogh, Charu C. Aggarwal, Hongzhi Yin, Xiangnan Kong, Ankit Agrawal, Jiayu Zhou, Tim Oates, Xindong Wu 0001, Leman Akoglu, Hanghang Tong

In 2018, there were 66 publications by 41 experts: Jilles Vreeken, Kamalakar Karlapalem, Dejing Dou, Hongzhi Yin, Vincent S. Tseng, Jian Pei, Xueqi Cheng, Hwanjo Yu, Fuzhen Zhuang, Aidong Zhang, Lina Yao, Jie Yin, Enhong Chen, Ruoming Jin, Zhi Wei, Junjie Wu, Aristides Gionis, Shirui Pan, Lu Qin, George Karypis, Feida Zhu 0001, Hengshu Zhu, Philippe Cudr-Mauroux, Min-Ling Zhang, Chengqi Zhang, Martin Atzmueller, Xingquan Zhu, Lefei Zhang, Chang-Tien Lu, Kai Ming Ting, Claudia Plant, Eamonn J. Keogh, Carlotta Domeniconi, Wen-Chih Peng, Heng Huang, Xiangnan Kong, Julian J. McAuley, Jiayu Zhou, Guoxian Yu, Xindong Wu 0001, Hanghang Tong

In 2019, there were 53 publications by 40 experts: Claudia Plant, Aijun An, Alok N. Choudhary, Dejing Dou, Hongzhi Yin, Jilles Vreeken, Fuzhen Zhuang, Xueqi Cheng, Aidong Zhang, Lina Yao, Xiangnan Kong, Enhong Chen, Vincent S. Tseng, Ruoming Jin, Zhi Wei, Xiaoyang Sean Wang, Aristides Gionis, Shirui Pan, Eamonn J. Keogh, Xingquan Zhu, Heng Huang, Yanfang Ye, Xiangliang Zhang 0001, Raymond Chi-Wing Wong, Panagiotis Karras, Zenglin Xu, Elena Baralis, Carlotta Domeniconi, Guoxian Yu, Ankit Agrawal, Evangelos E. Papalexakis, Jeffrey Xu Yu, Charu C. Aggarwal, Jun Huan, Hengshu Zhu, Alfredo Cuzzocrea, Jiayu Zhou, Bhavani M. Thuraisingham, Xindong Wu 0001, Hanghang Tong

90 out of the 155 experts published at this conference in 1 or more years

56 out of the 155 experts published at this conference in 2 or more years

34 out of the 155 experts published at this conference in 3 or more years

13 out of the 155 experts published at this conference in 4 or more years

5 out of the 155 experts published at this conference in 5 or more years

## Top People Report

Method of selection: This part involves 54 names:

First, we use the keyword "data mining" and take the top 30 names from google scholar (h-index  $\geq 45$ ),

[https://scholar.google.com/citations?view\\_op=search\\_authors&hl=en&mauthors=label:data\\_mining](https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:data_mining)

Second, we use the keyword "data mining" and take the top 30 names from AMiner,

<https://www.aminer.org/search/person?t=b&q=data%20mining>

There are six duplicate names, thus the final list contains 54 names.

Keyword: data mining

name	h-index	gscholar url
Jiawei Han	179	<a href="https://scholar.google.com/citations?hl=en&amp;user=Kv9AbjMAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Kv9AbjMAAAAJ</a>
Philip S. Yu	168	<a href="https://scholar.google.com/citations?hl=en&amp;user=D0LL1rOAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=D0LL1rOAAAAJ</a>
Sergey Senkin	156	<a href="https://scholar.google.com/citations?hl=en&amp;user=UdqIdckAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=UdqIdckAAAAJ</a>
Francisco Herrera	148	<a href="https://scholar.google.com/citations?hl=en&amp;user=HULIk-QAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=HULIk-QAAAAJ</a>
Trevor Hastie	135	<a href="https://scholar.google.com/citations?hl=en&amp;user=tQVe-fAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=tQVe-fAAAAAJ</a>
Christos Faloutsos	135	<a href="https://scholar.google.com/citations?hl=en&amp;user=nd8lQQIAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=nd8lQQIAAAAJ</a>
Dacheng Tao	124	<a href="https://scholar.google.com/citations?hl=en&amp;user=Rw1JNLcAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Rw1JNLcAAAAJ</a>
Xufei Wang	122	<a href="https://scholar.google.com/citations?hl=en&amp;user=3Y-Ix1EAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=3Y-Ix1EAAAAJ</a>
Yaohua Chen	120	<a href="https://scholar.google.com/citations?hl=en&amp;user=w7KbjWkAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=w7KbjWkAAAAJ</a>
Vipin Kumar	120	<a href="https://scholar.google.com/citations?hl=en&amp;user=BnxU9TEAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=BnxU9TEAAAAJ</a>
Jeffrey Ullman	115	<a href="https://scholar.google.com/citations?hl=en&amp;user=wUJ2bXgAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=wUJ2bXgAAAAJ</a>
Rakesh Agrawal	111	<a href="https://scholar.google.com/citations?hl=en&amp;user=XPdhXUUA AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=XPdhXUUA AAAAJ</a>
Huan Liu	110	<a href="https://scholar.google.com/citations?hl=en&amp;user=Dzf46C8AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Dzf46C8AAAAJ</a>
Mike A. Nalls	110	<a href="https://scholar.google.com/citations?hl=en&amp;user=ZjfgPLMAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=ZjfgPLMAAAAJ</a>
zihui zhang	110	<a href="https://scholar.google.com/citations?hl=en&amp;user=qM-zsXgAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=qM-zsXgAAAAJ</a>
Jon Kleinberg	109	<a href="https://scholar.google.com/citations?hl=en&amp;user=VX7d5EQAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=VX7d5EQAAAAJ</a>
Jure Leskovec	108	<a href="https://scholar.google.com/citations?hl=en&amp;user=Q_kkKIUAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Q_kkKIUAAAAJ</a>
Junlin Zhou	106	<a href="https://scholar.google.com/citations?hl=en&amp;user=pOmjyCEAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=pOmjyCEAAAAJ</a>
Hans-Peter Kriegel	98	<a href="https://scholar.google.com/citations?hl=en&amp;user=DF9LC4AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=DF9LC4AAAAAJ</a>
George Karypis	96	<a href="https://scholar.google.com/citations?hl=en&amp;user=ElqwScwAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=ElqwScwAAAAJ</a>
Bing Liu	94	<a href="https://scholar.google.com/citations?hl=en&amp;user=Kt1bjZoAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Kt1bjZoAAAAAJ</a>
Prabhakar Raghavan	92	<a href="https://scholar.google.com/citations?hl=en&amp;user=FtMADIMAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=FtMADIMAAAAAJ</a>
Jian Pei	91	<a href="https://scholar.google.com/citations?hl=en&amp;user=zIMEVksAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=zIMEVksAAAAAJ</a>
Raghu Ramakrishnan	90	<a href="https://scholar.google.com/citations?hl=en&amp;user=udZSrK YAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=udZSrK YAAAAAJ</a>
Mahashweta Das	89	<a href="https://scholar.google.com/citations?hl=en&amp;user=njFoZewAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=njFoZewAAAAAJ</a>
John Canny	80	<a href="https://scholar.google.com/citations?hl=en&amp;user=LAvoHTEAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=LAvoHTEAAAAAJ</a>
David A. Maltz	65	<a href="https://scholar.google.com/citations?hl=en&amp;user=-YmsnYMAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=-YmsnYMAAAAJ</a>
Chih-Jen Lin	64	<a href="https://scholar.google.com/citations?hl=en&amp;user=SLMkts8AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=SLMkts8AAAAAJ</a>
Mark Hall	61	<a href="https://scholar.google.com/citations?hl=en&amp;user=ZH31nVgAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=ZH31nVgAAAAAJ</a>
Eibe Frank	56	<a href="https://scholar.google.com/citations?hl=en&amp;user=dUV_NvIAAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=dUV_NvIAAAAAAJ</a>
Mohammed J. Zaki	70	<a href="https://scholar.google.com/citations?hl=en&amp;user=UmwJkLEAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=UmwJkLEAAAAAJ</a>
Hillol Kargupta	49	<a href="https://scholar.google.com/citations?hl=en&amp;user=bkQBZ_4AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=bkQBZ_4AAAAAJ</a>
Charu C. Aggarwal	123	<a href="https://scholar.google.com/citations?hl=en&amp;user=x_wsduUAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=x_wsduUAAAAAJ</a>
Andrew Kusiak	85	<a href="https://scholar.google.com/citations?hl=en&amp;user=GILLrBgAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=GILLrBgAAAAAJ</a>
Tzung-Pei Hong	52	<a href="https://scholar.google.com/citations?hl=en&amp;user=lOE-fU8AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=lOE-fU8AAAAAJ</a>
Eamonn Keogh	95	<a href="https://scholar.google.com/citations?hl=en&amp;user=s1VcOQIAAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=s1VcOQIAAAAAAJ</a>
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Domenico Talia	45	<a href="https://scholar.google.com/citations?hl=en&amp;user=ORMjJHMAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=ORMjJHMAAAAJ</a>
Osmar R. Zaiane	60	<a href="https://scholar.google.com/citations?user=j-W_RNYAAAAAJ&amp;hl=en&amp;oi=sra">https://scholar.google.com/citations?user=j-W_RNYAAAAAJ&amp;hl=en&amp;oi=sra</a>
Usama M. Fayyad	66	<a href="https://scholar.google.com/citations?user=RlpTB_UAAAAAJ&amp;hl=en&amp;oi=sra">https://scholar.google.com/citations?user=RlpTB_UAAAAAJ&amp;hl=en&amp;oi=sra</a>
Vincent S. Tseng	53	<a href="https://scholar.google.com/citations?hl=en&amp;user=DFjmS6AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=DFjmS6AAAAAJ</a>
Chengqi Zhang	55	<a href="https://scholar.google.com/citations?hl=en&amp;user=B61BmqEAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=B61BmqEAAAAAJ</a>
Srinivasan Parthasarathy	65	<a href="https://scholar.google.com/citations?hl=en&amp;user=2mjUsP8AAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=2mjUsP8AAAAAJ</a>
Alex A. Freitas	64	<a href="https://scholar.google.com/citations?hl=en&amp;user=NEP3RPYAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=NEP3RPYAAAAAJ</a>
Padhraic Smyth	83	<a href="https://scholar.google.com/citations?hl=en&amp;user=OsoQ-dcAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=OsoQ-dcAAAAAJ</a>
Salvatore J. Stolfo	96	<a href="https://scholar.google.com/citations?user=iLXSMP8AAAAAJ&amp;hl=en&amp;oi=sra">https://scholar.google.com/citations?user=iLXSMP8AAAAAJ&amp;hl=en&amp;oi=sra</a>
Bhavani Thuraisingham	61	<a href="https://scholar.google.com/citations?hl=en&amp;user=o_xUNWkAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=o_xUNWkAAAAAJ</a>
Wei Fan	65	<a href="https://scholar.google.com/citations?hl=en&amp;user=QvAC00EAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=QvAC00EAAAAAJ</a>
Hiroshi Motoda	46	<a href="https://scholar.google.com/citations?hl=en&amp;user=pmq9ejIAAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=pmq9ejIAAAAAAJ</a>
Chris Clifton	50	<a href="https://scholar.google.com/citations?hl=en&amp;user=C_cWJIKAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=C_cWJIKAAAAAJ</a>
Fosca Giannotti	47	<a href="https://scholar.google.com/citations?hl=en&amp;user=PKz_a_AAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=PKz_a_AAAAAAJ</a>
Shashi Shekhar	69	<a href="https://scholar.google.com/citations?hl=en&amp;user=p26NfLgAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=p26NfLgAAAAAJ</a>
Yiyu Yao	88	<a href="https://scholar.google.com/citations?hl=en&amp;user=_aL0fcQAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=_aL0fcQAAAAAJ</a>

Reference item: \\ 2. IEEE International Conference on Data Mining (ICDM)

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This conference was published at 97 times by 21 of 44 experts in the last 5 years.

The experts that publish at this conference are: Vincent S. Tseng(3), Dacheng Tao(8), Tzung-Pei Hong(1), Hiroshi Motoda(1), Longbing Cao(1), Jian Pei(2), George Karypis(1), Fosca Giannotti(1), Rakesh Agrawal 0001(1), Osmar R. Zaane(1), Eamonn J. Keogh(13), Shashi Shekhar(2), Vipin Kumar(5), Chengqi Zhang(6), Charu C. Aggarwal(9), Christos Faloutsos(14), Chih-Jen Lin(1), Alex Alves Freitas(1), Bhavani M. Thuraisingham(1), Xindong Wu 0001(10), Philip S. Yu(17)

In 2015, there were 21 publications by 11 experts: Vincent S. Tseng, Rakesh Agrawal 0001, Jian Pei, Dacheng Tao, Vipin Kumar, Shashi Shekhar, Chengqi Zhang, Christos Faloutsos, Chih-Jen Lin, Xindong Wu 0001, Philip S. Yu

In 2016, there were 23 publications by 8 experts: Chengqi Zhang, Charu C. Aggarwal, Philip S. Yu, Longbing Cao, Christos Faloutsos, Dacheng Tao, Xindong Wu 0001, Eamonn J. Keogh

In 2017, there were 20 publications by 9 experts: Charu C. Aggarwal, Philip S. Yu, Hiroshi Motoda, Dacheng Tao, Christos Faloutsos, Fosca Giannotti, Alex Alves Freitas, Xindong Wu 0001, Eamonn J. Keogh

In 2018, there were 18 publications by 10 experts: Vincent S. Tseng, Jian Pei, Eamonn J. Keogh, Shashi Shekhar, Chengqi Zhang, Christos Faloutsos, Osmar R. Zaane, George Karypis, Xindong Wu 0001, Philip S. Yu

In 2019, there were 15 publications by 8 experts: Tzung-Pei Hong, Charu C. Aggarwal, Vincent S. Tseng, Christos Faloutsos, Eamonn J. Keogh, Bhavani M. Thuraisingham, Xindong Wu 0001, Philip S. Yu

21 out of the 44 experts published at this conference in 1 or more years

10 out of the 44 experts published at this conference in 2 or more years

8 out of the 44 experts published at this conference in 3 or more years

4 out of the 44 experts published at this conference in 4 or more years

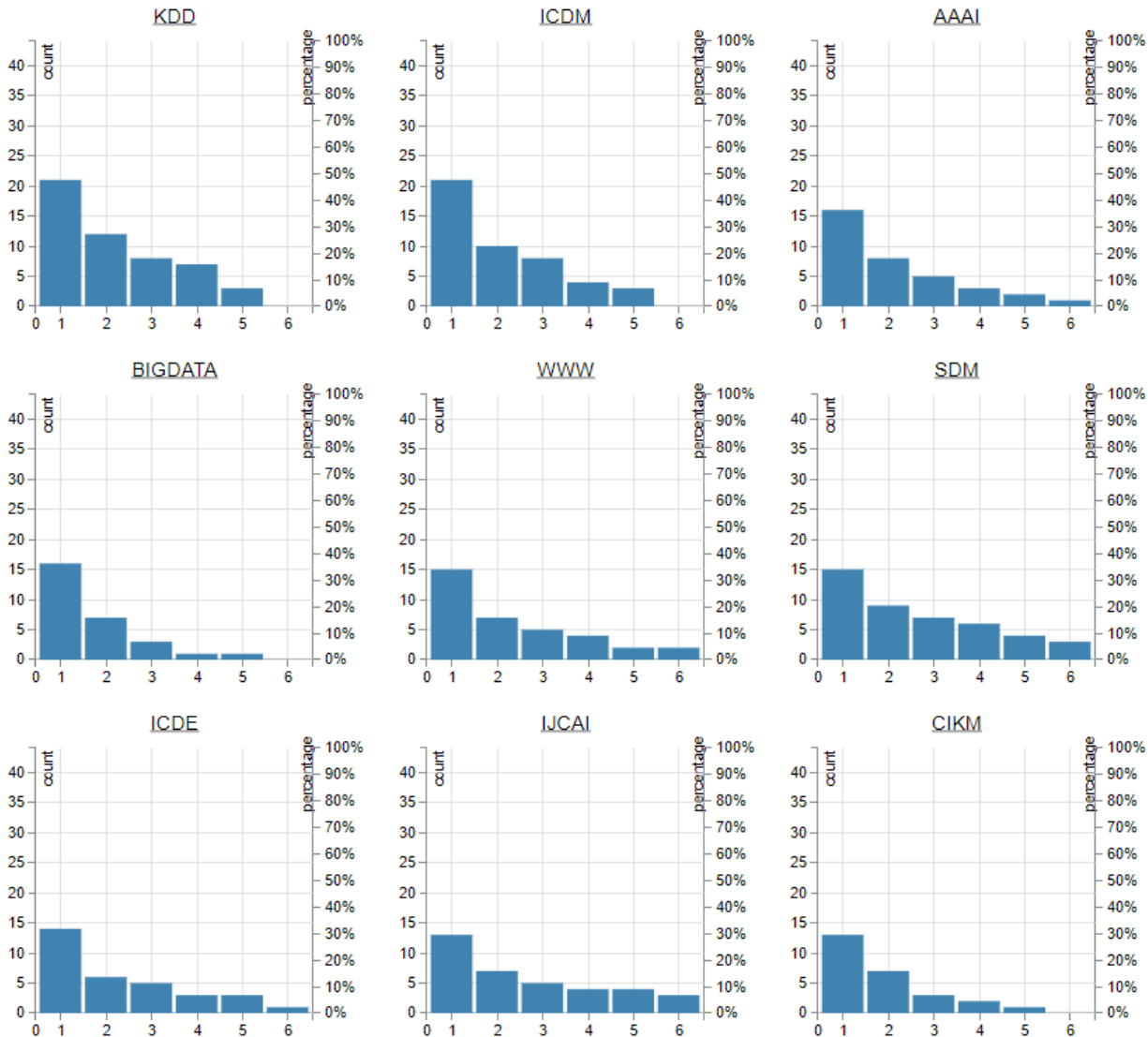
3 out of the 44 experts published at this conference in 5 or more years WPP Report:

[http://portal.core.edu.au/core/media/conf\\_rank\\_report/higherrank1096\\_top\\_people\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/higherrank1096_top_people_report.txt)

Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/higherrank1096\\_top\\_people\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1096_top_people_graph.png)

## Repeat year publishing

These graphs show numbers of people publishing in multiple years. Each column shows number of people in that many or more years. The number publishing in a specific number of years can be seen by the difference with respect to the previous column.



## Other Information

### Comparator Comparison

#### Comparator

Data Compression Conference

Explanation as to why conference is superior to comparator:

ICDM is superior to the DCC conference for the following reasons:

1. h5 index of ICDM is 48 which is much higher than 20 of DCC.
2. Based on the "Top People Report", ICDM is the 2nd most preferred venue in WPP for top people, whereas DCC is the 236th.
3. Based on the "Google Scholar Metrics Rank", ICDM is placed in the 5th of the Top 20 list in the sub-category of "Data Mining & Analysis". DCC is not listed in any top 20 list of any sub-category.

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_1096\\_659.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1096_659.pdf)

#### Comparator

ACM SIGMOD-SIGACT-SIGART Conference on Principles of Database Systems

Explanation as to why conference is superior to comparator:

ICDM is superior to PODS for the following reasons:

1. h5 index of ICDM is 48 which is much higher than 27 of PODS.
2. Based on "Top People Report", ICDM is the 2nd most preferred venue in WPP for top people, whereas PODS does not even rank into the top 20 list.
3. In the last three years (2017-2019), the average acceptance rate of ICDM regular papers is 9%, whereas PODS is 32%.
4. In the last three years (2017-2019), the average number of ICDM submissions is 924, whereas PODS is 90.
5. Based on the "Google Scholar Metrics Rank", ICDM is placed in the 5th of the Top 20 list in the sub-category of "Data Mining & Analysis". PODS is not in any top 20 list of any sub-category.

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_1096\\_660.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1096_660.pdf)

### **Comparator**

International Conference on Data Engineering

Explanation as to why conference is superior to comparator:

ICDM is superior to ICDE for the following reasons:

1. h5 index of ICDM is 48 which is comparable with 56 of ICDE.
2. Based on the "Top People Report", ICDM is the 2nd most preferred venue in WPP for top people, whereas ICDE is the 7th.
3. In the last three years (2017-2019), the average acceptance rate of ICDM regular papers is 9%, whereas ICDE is 23%.
4. In the last three years (2017-2019), the average number of ICDM submissions is 924, whereas ICDE is 417.
5. Based on the "Google Scholar Metrics Rank", ICDM is placed in the 5th of the Top 20 list in the sub-category of "Data Mining & Analysis". ICDE is placed in the 6th of the Top 20 list in the sub-category of "Databases & Information Systems".
6. In Data Mining, ICDM and KDD are the 2 top-ranked conferences. In Databases, ICDE is not as good as SIGMOD and VLDB.

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_1096\\_661.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1096_661.pdf)

### **Attachments**

N/A

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