



**Submission Data for 2020-2021 CORE conference Ranking process
Intelligent Data Analysis**

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Conference Details

Conference

Title: Intelligent Data Analysis

Acronym : IDA

Rank: A

Requested Rank

Rank: A

Recent Years

Proceedings Publishing Style

Proceedings Publishing: series

Link to most recent proceedings: <https://doi.org/10.1007/978-3-030-44584-3>

Further details: Part of Springer's Lecture Notes in Computer Science (LNCS) book series.

Only peer-reviewed, full papers in the main research track are included. (Note: in 2016 four 4-page papers were included that resulted from an industrial challenge, but this was exceptional.)

Most Recent Years

Most Recent Year

Year: 2018

URL: <https://ida2018.org/>

Location: 's-Hertogenbosch, the Netherlands

Papers submitted: 65

Papers published: 29

Acceptance rate: 45

Source for numbers: <https://link.springer.com/content/pdf/bfm%3A978-3-030-01768-2%2F1.pdf>

General Chairs

Name: Wouter Duivesteijn

Affiliation: TU Eindhoven, The Netherlands

Gender: M

H Index: 12

GScholar url: <https://scholar.google.com/citations?hl=en&user=LmsQAtAAAAAJ>

DBLP url: <https://dblp.org/pid/23/1341.html>

Program Chairs

Name: Antti Ukkonen

Affiliation: University of Helsinki, Finland

Gender: M

H Index: 19

GScholar url: <https://scholar.google.com/citations?hl=en&user=wYQ-rAQAAAAAJ>

DBLP url: <https://dblp.org/pid/29/1554.html>

Name: Arno Siebes

Affiliation: Utrecht University, The Netherlands

Gender: M

H Index: ? (No Google scholar)

GScholar url:

DBLP url: <https://dblp.org/pid/s/ArnoSiebes.html>

Second Most Recent Year

Year: 2017

URL: <https://www.dcs.bbk.ac.uk/archive/ida2017/>

Location: London, UK

Papers submitted: 70

Papers published: 28

Acceptance rate: 40

Source for numbers: http://www.springer.com/cda/content/document/cda_downloadaddocument/9783319687643-p1.pdf?SGWID=0-0-45-1620541-p181173181

General Chairs

Name: David John Weston Affiliation: University of London, UK Gender: M H Index: ? (No Google scholar) G Scholar url: DBLP url: https://dblp.org/pid/184/7131.html
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Program Chairs

Name: Allan Tucker Affiliation: Brunel University, UK Gender: M H Index: 24 G Scholar url: https://scholar.google.com/citations?hl=de&user=F55XS58AAAAJ DBLP url: https://dblp.org/pid/53/4404.html

Name: Niall M. Adams Affiliation: Imperial College London, UK Gender: M H Index: ? (No Google scholar) G Scholar url: DBLP url: https://dblp.org/pid/76/6355.html
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Third Most Recent Year

Year: 2016

URL: <https://ida2016.blogs.dsv.su.se/>

Location: Stockholm, Sweden

Papers submitted: 75

Papers published: 31

Acceptance rate: 41

Source for numbers: <https://link.springer.com/content/pdf/bfm%3A978-3-319-46349-0%2F1.pdf>

General Chairs

Name: Panagiotis Papapetrou Affiliation: Stockholm University, Sweden Gender: M H Index: 19 G Scholar url: https://scholar.google.com/citations?hl=en&user=8q0WtywAAAAJ DBLP url: https://dblp.org/pid/59/3814.html

Program Chairs

Name: Henrik Boström Affiliation: Stockholm University, Sweden Gender: M H Index: 24 G Scholar url: https://scholar.google.com/citations?hl=en&user=wKsdomUAAAAJ DBLP url: https://dblp.org/pid/39/6674.html
Name: Arno Knobbe Affiliation: Leiden University, the Netherlands Gender: M H Index: 26 G Scholar url: https://scholar.google.com/citations?hl=en&user=kG0DZaIAAAAAJ DBLP url: https://dblp.org/pid/65/3461.html
Name: Carlos Soares Affiliation: University of Porto, Portugal Gender: M H Index: 31 G Scholar url: https://scholar.google.com/citations?hl=en&user=Lw7ojGsAAAAJ DBLP url: https://dblp.org/pid/50/4846.html

Policies

Chair Selection: The symposium series' council (i.e., the steering committee) attempts to balance senior and young chairs, with and without experience in organising IDA.

The following is the most relevant part from the guidelines for proposals: - It is considered favorable if the key organizers have previously attended IDA, and some of them have been previously involved in the organization of IDA. - It is encouraged to compose a diverse organizing team, combining experienced with junior people from different backgrounds.

The full guidelines can be found on <http://www.ida-society.org/guidelines.php>

No Policies.

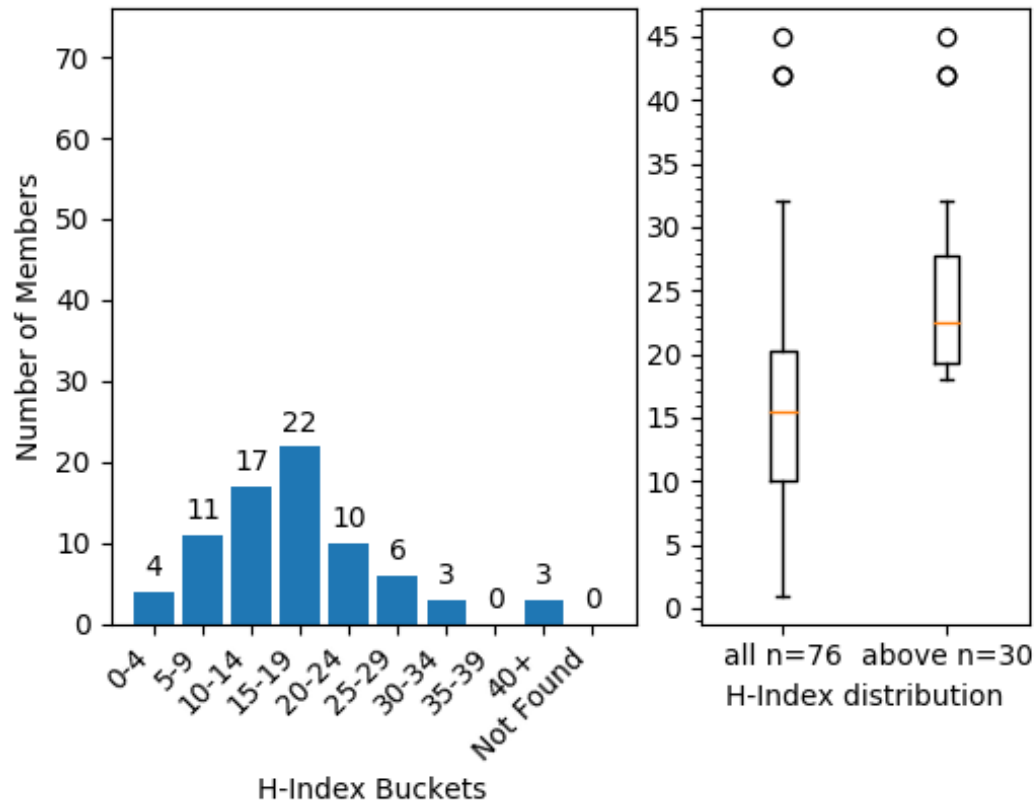
(Senior) Program Committee

Link to (s)pc: <https://ida2020.org/program-committee/>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/IDA2020-PC-and-PCA.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1419.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/higherrank1419_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

Dates and citation counts are estimated and are determined automatically by a computer program.

h5-index for this conference: 12

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Not Listed in Aminer

Other Rankings

Not aware of any other Rankings

Conferences in area: KDD - ACM SIGKDD Conference on Knowledge Discovery and Data Mining

ICDM - IEEE International Conference on Data Mining

SDM - SIAM Conference on Data Mining

ECMLPKDD - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases

IDA

AIME - International Conference on Artificial Intelligence in Medicine

CBMS - IEEE International Symposium on Computer-Based Medical Systems

DS - Discovery Science

Top People Publishing Here

Not Providing Top People Publishing Here

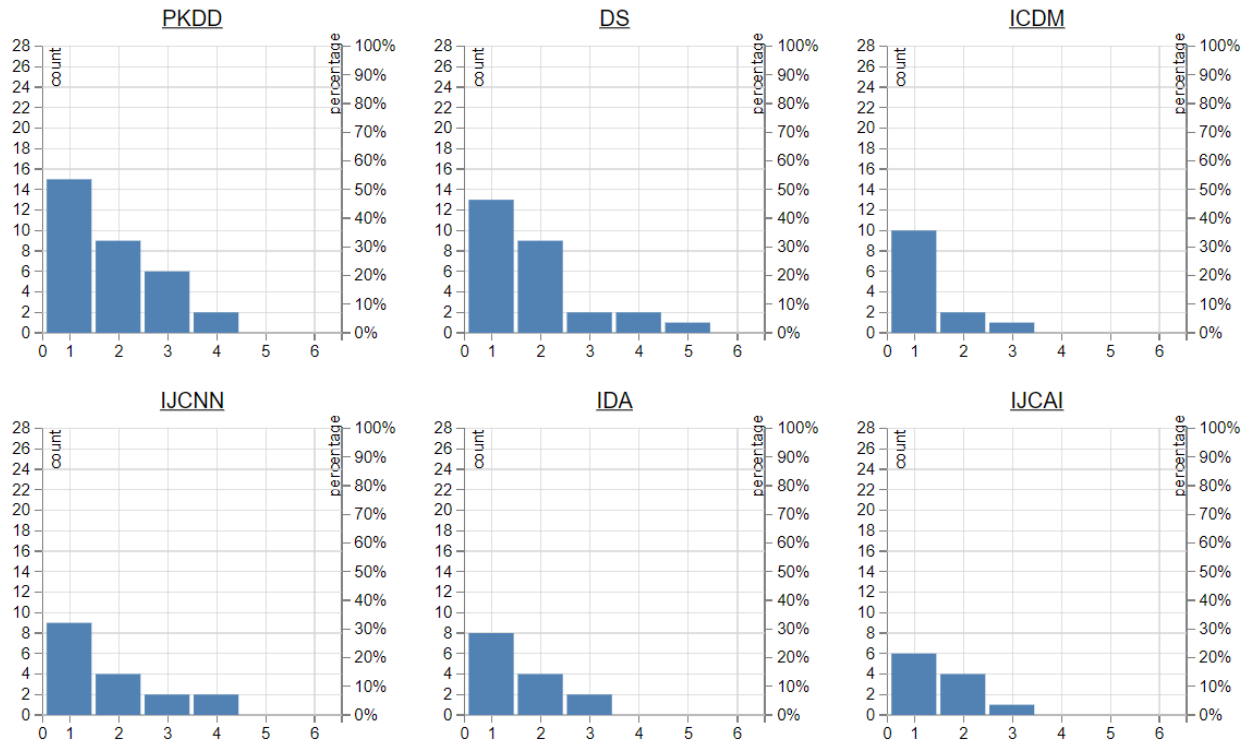
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1419_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1419_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1419_spc_graph.png



Reference item: \\ 5. International Symposium on Intelligent Data Analysis (IDA)

This conference was published at 16 times by 8 of 28 experts in the last 5 years.

The experts that publish at this conference are: Siegfried Nijssen(3), Johannes Frnkranz(1), Rudolf Kruse(1), Hendrik Blockeel(4), Frank Klawonn(3), Saso Dzeroski(1), Xiaohui Liu 0001(1), Barbara Hammer(2)

In 2015, there were 4 publications by 3 experts: Hendrik Blockeel, Siegfried Nijssen, Frank Klawonn

In 2016, there were 2 publications by 2 experts: Rudolf Kruse, Frank Klawonn

In 2017, there were 4 publications by 4 experts: Xiaohui Liu 0001, Siegfried Nijssen, Frank Klawonn, Saso Dzeroski

In 2018, there were 5 publications by 4 experts: Hendrik Blockeel, Johannes Frnkranz, Siegfried Nijssen, Barbara Hammer

In 2020, there were 1 publications by 1 experts: Barbara Hammer

8 out of the 28 experts published at this conference in 1 or more years

4 out of the 28 experts published at this conference in 2 or more years

2 out of the 28 experts published at this conference in 3 or more years

Top People Report

Not providing Top People Report

Other Information

Comparator Comparison

Comparator

Knowledge capture

Explanation as to why conference is superior to comparator:

Acceptance rates of K-CAP are similar to higher than those of IDA. h5-index is similar (13 vs 12), neither is in Google Scholar Top20 list of sub-category.

K-CAP has far fewer experts though, and ranks only 13th in the 'where people publish' analysis (compared to 5th place for IDA).

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1419_483.pdf

Comparator

International Conference on Scientific and Statistical Data Base Management

Explanation as to why conference is superior to comparator:

We argue that IDA and SSDBM are similar.

Acceptance rates of SSDBM are similar to higher than those of IDA, varying from 24 to 54 for SSDBM and from 40 to 45 for IDA (for the three comparison years). h5-index is similar (16 vs 12), neither is in Google Scholar Top20 list of sub-category.

In the 'where people publish' analysis, SSDBM ranks 2nd, against 5th for IDA. IDA has 16 publications by 8 experts though, versus 21 publications by 7 experts for SSDBM; given the modest total numbers we deem this very similar.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1419_508.pdf

Other Relevant Info

Other relevant information: It is important to mention that IDA has recently changed from being a fall conference to a spring conference, and has further sharpened its scientific profile.

In 2020 the first spring edition of IDA took place (online). The changes resulted in an increase of the number of submissions: from 65 in 2018 to 114 in 2020 (due to the change in timing no conference took place in 2019). 45 submissions were selected for publication, resulting in an acceptance rate of 39%.

The deadline for IDA 2021 was last month, and we received 115 submissions. So although the number of submissions was somewhat lower for 2016-2018, we're confident the conference is now back on a more robust level that will help guarantee scientific quality in the future.

Further, we would like to note that IDA continues to attract top people as keynote speakers, both from within the field and from related fields. For the three most recent years before 2020:

IDA 2018: - Luc De Raedt, h-index 66, <https://scholar.google.com/citations?user=dgobB6AAAAAJ&hl=en> - Johannes Furnkranz, h-index 42, <https://scholar.google.com/citations?hl=en&user=sfTn4wEAAAAJ> - Tuuli Toivonen, h-index 29, <https://scholar.google.com/citations?hl=en&user=LC2RTmgAAAAJ>

IDA 2017: - Paul Cohen, h-index 52, <https://scholar.google.com/citations?hl=en&user=8DeZgKkAAAAAJ> - A. Aldo Faisal, h-index 27, <https://scholar.google.com/citations?hl=en&user=WjHjbrwAAAAAJ> - Niels Peek, h-index 35, <https://scholar.google.com/citations?hl=en&user=wU188KoAAAAAJ>

IDA 2016: - Foster Provost, h-index 60, <https://scholar.google.com/citations?hl=en&user=-Km63D4AAAAAJ> - Samuel Kaski, <https://dblp.org/pid/64/5826.html> (no Google Scholar) - Sihem Amer-Yahia, h-index 42, <https://scholar.google.com/citations?hl=en&user=rMtUkMcAAAAAJ>

Attachments

N/A

Proposers

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