



**Submission Data for 2020-2021 CORE conference Ranking process  
ACM SIGMOD-SIGACT-SIGART Conference on Principles of Database Systems**

Alan Fekete

**Conference Details**

**Conference**

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

Acronym : PODS

Rank: A\*

**Requested Rank**

Rank: A\*

**Recent Years**

**Proceedings Publishing Style**

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://dl.acm.org/doi/proceedings/10.1145/3294052>

Further details: Published by ACM Proceedings are divided into sessions; keynote, invited tutorial, "Gems of PODS" (which are reflective overviews of seminal work) etc are in separate sessions of the proceedings.

**Most Recent Years**

**Most Recent Year**

Year: 2019

URL: <https://sigmod2019.org>

Location: Amsterdam, Netherlands

Papers submitted: 87

Papers published: 29

Acceptance rate: 33

Source for numbers: <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3294052>

**General Chairs**

Name: Dan Suciu

Affiliation: U Washington

Gender: M

H Index: 86

GScholar url: <https://scholar.google.com/citations?hl=en&user=SIxd6jgAAAAJ>

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

**Program Chairs**

Name: Christoph Koch

Affiliation: EPFL

Gender: M

H Index: 47

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

DBLP url: <https://dblp.org/pid/k/ChristophKoch.html>

**Second Most Recent Year**

Year: 2018

URL: <https://sigmod2018.org>

Location: Houston, TX, USA

Papers submitted: 83

Papers published: 29

Acceptance rate: 35

Source for numbers: <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3196959>

### General Chairs

Name: Jan Van den Bussche Affiliation: Hasselt University Gender: M H Index: 36 GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=3V8K4wIAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=3V8K4wIAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/b/JVdBussche.html">https://dblp.org/pid/b/JVdBussche.html</a>
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### Program Chairs

Name: Marcelo Arenas Affiliation: PUC Chile Gender: M H Index: 47 GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=YHR0wkAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=YHR0wkAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/76/6735.html">https://dblp.org/pid/76/6735.html</a>
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### Third Most Recent Year

Year: 2017

URL: <https://sigmod2017.org>

Location: Chicago, IL, USA

Papers submitted: 101

Papers published: 29

Acceptance rate: 29

Source for numbers: <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3034786>

### General Chairs

Name: Jan Van den Bussche Affiliation: Hasselt U Gender: M H Index: 36 GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=3V8K4wIAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=3V8K4wIAAAAJ</a> DBLP url: <a href="https://dblp.org/pid/b/JVdBussche.html">https://dblp.org/pid/b/JVdBussche.html</a>
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### Program Chairs

Name: Floris Geerts Affiliation: U Antwerp Gender: M H Index: 36 GScholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=SGay8u4AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=SGay8u4AAAAJ</a> DBLP url:
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### Policies

Chair Selection: General Chair serves two conferences; Program Chair serves one. Each is selected when needed by the PODS Executive see <https://sigmod.org/pods-home/pods-organization/> (though note this page is a bit out of date; Leonid Libkin has joined the Executive as Chair, and Floris Geerts has rotated off. PODS follows ACM policies for conference organisation.

Policy name: DBCares (general policy for all SIGMOD conferences)

Policy url: <https://sigmod.org/sigmod-policies/dbcares-policy/>

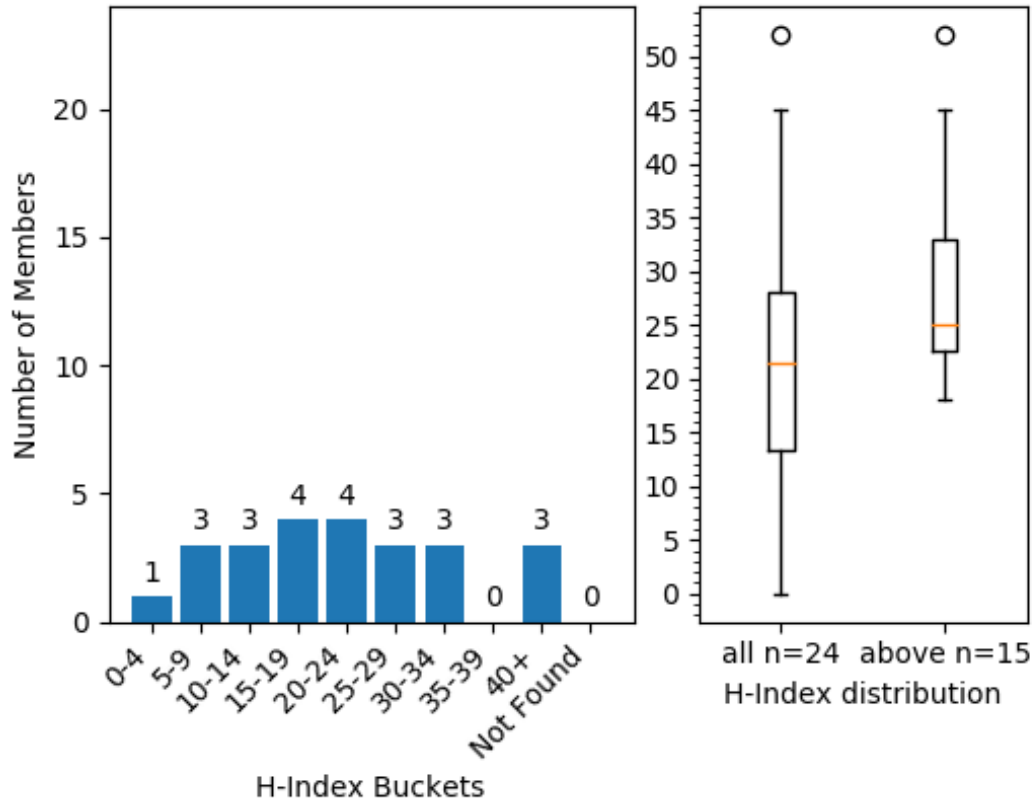
### (Senior) Program Committee

Link to (s)pc: <https://sigmod2019.org/podscom>

File: [http://portal.core.edu.au/core/media/conf\\_submissions\\_spc\\_file/PODS\\_jOPfJZ2.txt](http://portal.core.edu.au/core/media/conf_submissions_spc_file/PODS_jOPfJZ2.txt)

H-index plot: [http://portal.core.edu.au/core/media/conf\\_submissions\\_hindex\\_plots/hindex\\_buckets\\_1582.png](http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1582.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\\_databasesinformationsystems](https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_databasesinformationsystems)  
 Position in sub-category: 20+  
 Image of top 20: [http://portal.core.edu.au/core/media/changes\\_h5/higherrank1582\\_gscholar\\_minh5.pdf](http://portal.core.edu.au/core/media/changes_h5/higherrank1582_gscholar_minh5.pdf)  
 h5-index for this conference: 27

**ACM Metrics**

Is an ACM sponsored conference: True  
 Providing ACM Stats: True

**ACM Statistics**

Downloads in last 12 months: 47427  
 Average citations per article: 32  
 Average downloads per article: 433

**ACM Most frequently publishing**

Name: Benny Kimelfeld Paper Count: 14 Google Scholar h-index: 27 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=bxSK7o8AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=bxSK7o8AAAAJ</a>
Name: Andreas Pieris Paper Count: 8 Google Scholar h-index: 23 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=TlvZCrcAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=TlvZCrcAAAAJ</a>
Name: Dan Suciu Paper Count: 7 Google Scholar h-index: 86 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=SIxd6jgAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=SIxd6jgAAAAJ</a>
Name: Hung Q. Ngo Paper Count: 7 Google Scholar h-index: 30 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=srP2ANoAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=srP2ANoAAAAJ</a>
Name: David P. Woodruff Paper Count: 7 Google Scholar h-index: 47 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=kMmxbIaaaaJ&amp;view_op=list_works&amp;sortby=pubdate">https://scholar.google.com/citations?hl=en&amp;user=kMmxbIaaaaJ&amp;view_op=list_works&amp;sortby=pubdate</a>
Name: Mahmoud Abo Khamis Paper Count: 6 Google Scholar h-index: 10 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=_PnilvQAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=_PnilvQAAAAJ</a>
Name: Pablo Barcel�a Paper Count: 5 Google Scholar h-index: 26 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=9OH3PokAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=9OH3PokAAAAJ</a>
Name: Leonid Libkin Paper Count: 5 Google Scholar h-index: 56 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=4q-MIB0AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=4q-MIB0AAAAJ</a>
Name: Nicole Schweikardt Paper Count: 5 Google Scholar h-index: 21 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=Ghy_9r8AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Ghy_9r8AAAAJ</a>
Name: Rasmus Pagh Paper Count: 5 Google Scholar h-index: 34 Gscholar url: <a href="https://scholar.google.com/citations?hl=en&amp;user=V04oS8UAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=V04oS8UAAAAJ</a>

### Aminer Rank

Aminer rank: 14

Aminer name: ACM SIGMOD Conference on Principles of DB Systems





Acronym / shortname: PODS

h-5 index: 26

CCF level: B

THU level: -

Top Aminer Cites: [http://portal.core.edu.au/core/media/conf\\_submissions\\_citations/higherrank1582\\_aminer\\_top\\_cite.png](http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1582_aminer_top_cite.png)

1	<p>Communication steps for parallel query processing</p> <p>Paul Beame, Paraschos Koutris, Dan Suciu (2017)</p>	Cited by 205
2	<p>Heavy Hitters and the Structure of Local Privacy</p> <p>Mark Bun, Jelani Nelson, Uri Stemmer (2019)</p>	Cited by 79
3	<p>All-Distances Sketches, Revisited: HIP Estimators for Massive Graphs Analysis</p> <p>Edith Cohen (2015)</p>	Cited by 72
4	<p>Data Integration: After the Teenage Years</p> <p>Behzad Golshan, Alon Y. Halevy, George A. Mihaila , Wang-Chiew Tan (2017)</p>	Cited by 71
5	<p>Hypertree Decompositions: Questions and Answers</p> <p>Georg Gottlob, Gianluigi Greco, Nicola Leone, Francesco Scarcello (2016)</p>	Cited by 54
6	<p>JSON: data model, query languages and schema specification</p> <p>Pierre Bourhis, Juan L. Reutter, Fernando Suárez , Domagoj Vrgoc (2017)</p>	Cited by 51
7	<p>Benchmarking the Chase</p> <p>Michael Benedikt, George Konstantinidis, Giansalvatore Mecca, Boris Motik, Paolo Papotti, Donatello Santoro, Efthymia Tsamoura  (2017)</p>	Cited by 51
8	<p>Answering Conjunctive Queries under Updates</p> <p>Christoph Berkholz, Jens Keppeler , Nicole Schweikardt (2017)</p>	Cited by 46
9	<p>Vertex and Hyperedge Connectivity in Dynamic Graph Streams</p> <p>Sudipto Guha, Andrew McGregor, David Tench (2015)</p>	Cited by 44
10	<p>Private Multiplicative Weights Beyond Linear Queries</p> <p>Jonathan Ullman (2015)</p>	Cited by 42

## Other Rankings

Not aware of any other Rankings

Conferences in area: There really are only two high-repute conferences that specialize in database theory: PODS, ICDT after that, work would be typically sent to a journal or to a more general conference (in databases, theory, or AI as appropriate; or to a national/regional conference)

## Top People Publishing Here

name: Dan Suciu

justification: ACM Fellow; h-index 87

Paper counts:

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

Attendance: ALWAYS

name: Leonid Libkin

justification: ACM Fellow; h-index 56

Paper counts:

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

Attendance: ALWAYS

name: Ron Fagin

justification: ACM Fellow; IEEE Fellow; IBM Fellow; Godel Prize; IEEE W. Wallace McDowell Award; SIGMOD Edgar F. Codd Innovations Award; h-index 75

Paper counts:

Most Recent: 0	Second most recent: 0	Third most recent: 0	Fourth most recent: 0	Fifth most recent: 1
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Attendance: ALWAYS

name: Phokion Kolaitis

justification: ACM Fellow; Fellow of AAAS; Foreign Member of Academia Europaea; h-index 50

Paper counts:

Most Recent: 1	Second most recent: 1	Third most recent: 1	Fourth most recent: 0	Fifth most recent: 0
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Attendance: ALWAYS

name: Victor Vianu

justification: ACM Fellow; Fellow of AAAS; former Editor-in-Chief of JACM; h-index 47

Paper counts:

Most Recent: 1	Second most recent: 0	Third most recent: 1	Fourth most recent: 0	Fifth most recent: 1
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Attendance: ALWAYS

name: Martin Grohe

justification: ACM Fellow; h-index 49

Paper counts:

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

name: Yufei Tao

justification: ACM Fellow (just awarded); h-index 68

Paper counts:

Most Recent: 0	Second most recent: 0	Third most recent: 1	Fourth most recent: 1	Fifth most recent: 1
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Attendance: ALWAYS

name: Tova Milo

justification: ACM Fellow; Weizmann Prize for Exact Science; member of Academia Europaea; h-index 53

Paper counts:

Most Recent: 0	Second most recent: 0	Third most recent: 0	Fourth most recent: 1	Fifth most recent: 0
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Attendance: ALWAYS

name: Christoph Koch

justification: member of Academia Europaea; h-index 47

Paper counts:

Most Recent: 1	Second most recent: 0	Third most recent: 0	Fourth most recent: 0	Fifth most recent: 1
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Attendance: ALWAYS

name: David P. Woodruff

justification: Presberger Prize; h-index 47

Paper counts:

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

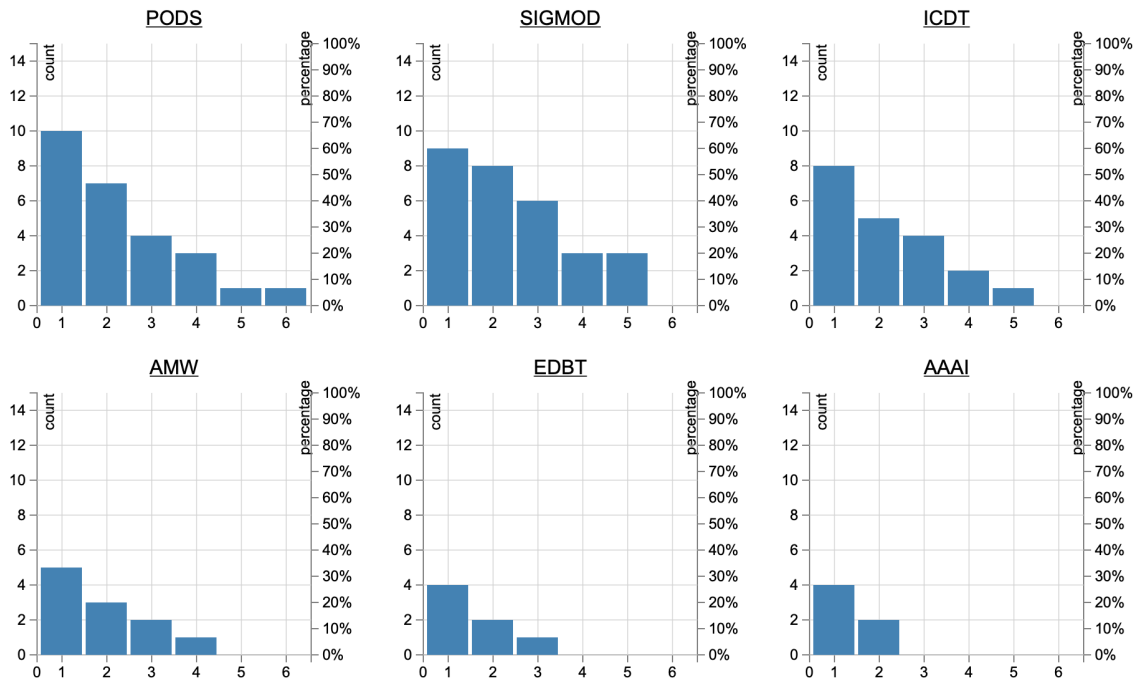
## Where People Publish

### Top (Senior) Program Committee Members

Generated Report Name: conf\_submissions\_top\_spc/higherrank1582\_top\_spc.csv

WPP Report: [http://portal.core.edu.au/core/media/conf\\_rank\\_report/higherrank1582\\_spc\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/higherrank1582_spc_report.txt)

Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/higherrank1582\\_spc\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1582_spc_graph.png)



Reference item: \ 1. ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems (PODS)

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 This conference was published at 29 times by 10 of 15 experts in the last 5 years.

The experts that publish at this conference are: Hung Q. Ngo 0001(8), Pierre Senellart(2), Dan Olteanu(3), Michael A. Bender(2), Jianwen Su(1), Frank Neven(6), Alin Deutsch(1), Christoph E. Koch(2), Yufei Tao(6), Francesco Scarcello(1)

In 2015, there were 7 publications by 3 experts: Hung Q. Ngo 0001, Frank Neven, Yufei Tao  
 In 2016, there were 9 publications by 8 experts: Hung Q. Ngo 0001, Pierre Senellart, Yufei Tao, Michael A. Bender, Francesco Scarcello, Frank Neven, Alin Deutsch, Christoph E. Koch  
 In 2017, there were 4 publications by 4 experts: Michael A. Bender, Hung Q. Ngo 0001, Pierre Senellart, Yufei Tao  
 In 2018, there were 3 publications by 3 experts: Dan Olteanu, Hung Q. Ngo 0001, Yufei Tao  
 In 2019, there were 3 publications by 4 experts: Dan Olteanu, Jianwen Su, Hung Q. Ngo 0001, Frank Neven  
 In 2020, there were 3 publications by 4 experts: Dan Olteanu, Hung Q. Ngo 0001, Frank Neven, Christoph E. Koch

10 out of the 15 experts published at this conference in 1 or more years  
 7 out of the 15 experts published at this conference in 2 or more years  
 4 out of the 15 experts published at this conference in 3 or more years  
 3 out of the 15 experts published at this conference in 4 or more years  
 1 out of the 15 experts published at this conference in 6 or more years

### Top People Report

Method of selection: Manual scanning of list of ACM Fellows at <https://awards.acm.org/fellows/award-winners> and finding those whose work includes a significant contribution to theory of database systems; then removing those that didn't publish at all since 2015

	name	h-index	gscholar url
Keyword:	Serge Abiteboul	80	<a href="https://scholar.google.com/citations?hl=en&amp;user=lk_jn24AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=lk_jn24AAAAJ</a>
	Foto Afrati	32	<a href="https://scholar.google.com/citations?hl=en&amp;user=pUOdceOAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=pUOdceOAAAAJ</a>
	Philip A. Bernstein	82	<a href="https://scholar.google.com/citations?hl=en&amp;user=60EYXEIAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=60EYXEIAAAAAJ</a>
	Diego Calvanese	72	<a href="https://scholar.google.com/citations?hl=en&amp;user=WeOkRfEAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=WeOkRfEAAAAJ</a>
	Ronald Fagin	75	<a href="https://scholar.google.com/citations?hl=en&amp;user=ohL-Y5OAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=ohL-Y5OAAAAJ</a>
	Wenfei Fan	56	<a href="https://scholar.google.com/citations?hl=en&amp;user=u0S6ofAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=u0S6ofAAAAJ</a>
	Georg Gottlob	77	<a href="https://scholar.google.com/citations?hl=en&amp;user=i72_SkUAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=i72_SkUAAAAJ</a>
	Martin Grohe	49	<a href="https://scholar.google.com/citations?hl=en&amp;user=Sou5ihOAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Sou5ihOAAAAJ</a>
	Alon Halevy	104	<a href="https://scholar.google.com/citations?hl=en&amp;user=F_MI0pcAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=F_MI0pcAAAAJ</a>
	Joseph M. Hellerstein	94	<a href="https://scholar.google.com/citations?hl=en&amp;user=uFJi3IUAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=uFJi3IUAAAAJ</a>
	Richard Hull	55	<a href="https://scholar.google.com/citations?hl=en&amp;user=Yd6uJAgAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Yd6uJAgAAAAJ</a>
	Phokion Kolaitis	50	<a href="https://scholar.google.com/citations?hl=en&amp;user=cqnovfEAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=cqnovfEAAAAJ</a>
	Leonid Libkin	56	<a href="https://scholar.google.com/citations?hl=en&amp;user=4q-MIBOAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=4q-MIBOAAAAJ</a>
	David Maier	67	<a href="https://scholar.google.com/citations?hl=en&amp;user=80pKMyMAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=80pKMyMAAAAAJ</a>
	Tova Milo	53	<a href="https://scholar.google.com/citations?hl=en&amp;user=X1-ovCkAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=X1-ovCkAAAAJ</a>
	Christos Papadimitriou	129	<a href="https://scholar.google.com/citations?hl=en&amp;user=rXYLXJMAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=rXYLXJMAAAAAJ</a>
	Dennis Shasha	78	<a href="https://scholar.google.com/citations?hl=en&amp;user=UQ9Ws6wAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=UQ9Ws6wAAAAJ</a>
	Dan Suciu	86	<a href="https://scholar.google.com/citations?hl=en&amp;user=SIxd6jgAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=SIxd6jgAAAAJ</a>
	Wang-Chiew Tan	42	<a href="https://scholar.google.com/citations?hl=en&amp;user=sOY-wjkAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=sOY-wjkAAAAJ</a>
	Jeffrey D. 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>
	Patrick Valduriez	55	<a href="https://scholar.google.com/citations?hl=en&amp;user=Vj0m2A0AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=Vj0m2A0AAAAJ</a>
	Moshe Vardi	110	<a href="https://scholar.google.com/citations?hl=en&amp;user=DQaARsgAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=DQaARsgAAAAJ</a>
	Victor Vianu	47	<a href="https://scholar.google.com/citations?hl=en&amp;user=CK_GLC8AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=CK_GLC8AAAAJ</a>
	Jennifer Widom	102	<a href="https://scholar.google.com/citations?hl=en&amp;user=zdkmYwAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=zdkmYwAAAAJ</a>
	Mihalis Yannakakis	93	<a href="https://scholar.google.com/citations?hl=en&amp;user=_pPy-pAAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=_pPy-pAAAAAJ</a>

Reference item: \ 2. ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems (PODS)

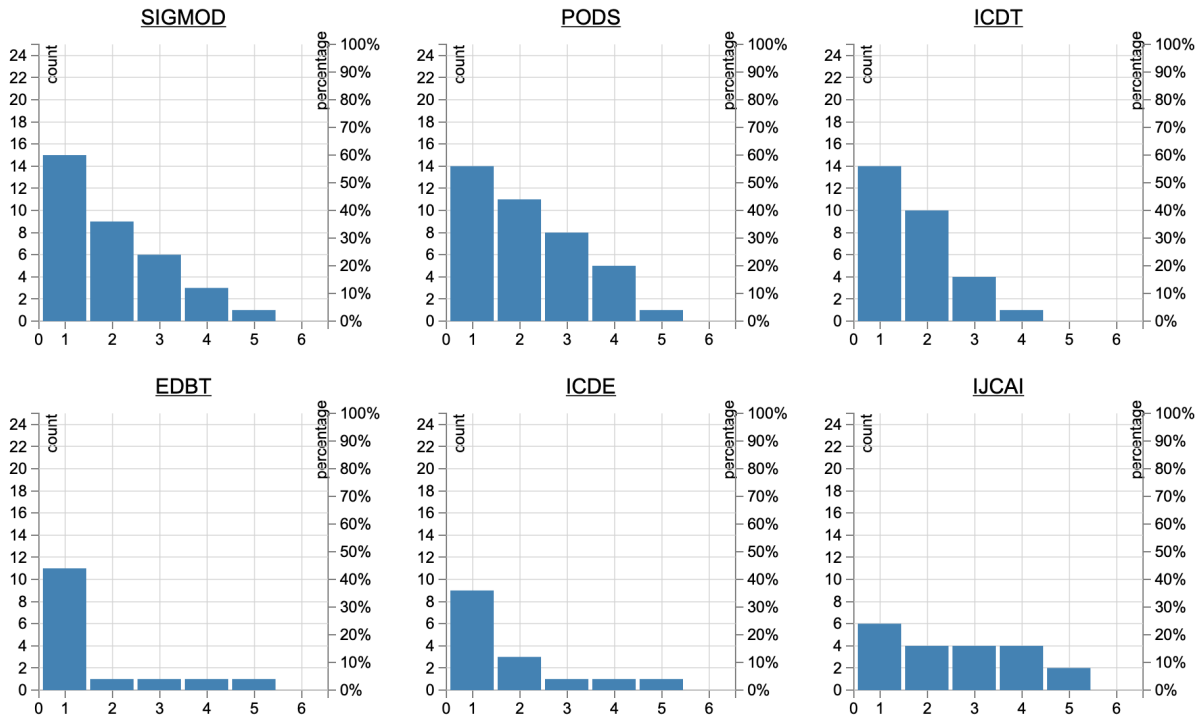
-----  
This conference was published at 44 times by 14 of 25 experts in the last 5 years.

The experts that publish at this conference are: Foto N. Afrati(1), Dan Suciu(8), Leonid Libkin(7), Ronald Fagin(2), Martin Grohe(4), Tova Milo(2), Phokion G. Kolaitis(5), Moshe Y. Vardi(2), Georg Gottlob(8), Alon Y. Halevy(1), Serge Abiteboul(1), Victor Vianu(4), Wenfei Fan(3), Wang Chiew Tan(3)

In 2015, there were 8 publications by 8 experts: Tova Milo, Phokion G. Kolaitis, Wenfei Fan, Dan Suciu, Foto N. Afrati, Wang Chiew Tan, Ronald Fagin, Georg Gottlob  
In 2016, there were 8 publications by 7 experts: Wenfei Fan, Dan Suciu, Victor Vianu, Leonid Libkin, Moshe Y. Vardi, Ronald Fagin, Georg Gottlob  
In 2017, there were 8 publications by 7 experts: Tova Milo, Moshe Y. Vardi, Alon Y. Halevy, Leonid Libkin, Dan Suciu, Wenfei Fan, Wang Chiew Tan  
In 2018, there were 7 publications by 7 experts: Phokion G. Kolaitis, Georg Gottlob, Serge Abiteboul, Victor Vianu, Leonid Libkin, Wang Chiew Tan, Martin Grohe  
In 2019, there were 5 publications by 4 experts: Phokion G. Kolaitis, Victor Vianu, Martin Grohe, Georg Gottlob  
In 2020, there were 8 publications by 6 experts: Phokion G. Kolaitis, Georg Gottlob, Dan Suciu, Victor Vianu, Leonid Libkin, Martin Grohe

14 out of the 25 experts published at this conference in 1 or more years  
11 out of the 25 experts published at this conference in 2 or more years  
8 out of the 25 experts published at this conference in 3 or more years  
5 out of the 25 experts published at this conference in 4 or more years  
1 out of the 25 experts published at this conference in 5 or more years WPP Report:  
[http://portal.core.edu.au/core/media/conf\\_rank\\_report/higherrank1582\\_top\\_people\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/higherrank1582_top_people_report.txt)  
Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/higherrank1582\\_top\\_people\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1582_top_people_graph.png)





**Other Information**

**Comparator Comparison**

**Comparator**

International Conference on Data Engineering

Explanation as to why conference is superior to comparator:

This is not at all an apples-to-apples comparator. ICDE is the third-most-prominent place for the broad database community covering database systems and applications, whereas PODS is the very best place for database theory. ICDE is 4-5 times the size of PODS, and the respective communities are even more disproportionate, since the systems-focused and application focused database research work is spread over 3 main conferences and two in the next tier (SIGMOD, VLDB, ICDE, EDBT and DASFAA) each with 500+ participants, whereas the db theory community has only two conferences, with perhaps 100 participants each. The larger community intrinsically results in much higher citation counts for papers in systems or applications, and effect which is magnified because theory papers usually cite work only when they build on it fairly directly, whereas application papers are often cited by other papers which are solving different problems (as a way to illustrate the novelty of the new application or approach). However, I believe that the value of theory is equal to that of other approaches to understanding and innovating in the database community, and so I feel that the top theory place should be seen as equal to the top place for systems and application-focused papers, and ahead of the third-placed systems/application conference (ICDE). Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_1582\\_756.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1582_756.pdf)

**Comparator**

Data Compression Conference

Explanation as to why conference is superior to comparator:

This is not really an apples-to-apples comparator. But each of PODS and DCC is, in its own way, a focused conference for a relatively small community. (Despite the FoR code used by CORE, I don't think DCC belongs in Databases at all; it's really the place for a small subset of the signal processing community). The key difference in my view is that PODS is the top forum for work in database theory, while DCC is not the top place in its community, since the DCC people mostly come from Electrical and Computer Engineering departments, where journals are the primary target ahead of than any conference. Other signals of the quality differences are the way PODS is the focus for people who are seen as leaders across CS generally (as shown by the many ACM Fellows that are regular participants), and the way PODS has really strong processes for renewing the community with outstanding program chairs; in contrast DCC has not changed its program chairs or general chairs since 2013 (showing a real risk of being unrepresentative of the spread of approaches in the field).

Link to comparator report:

[http://portal.core.edu.au/core/media/conference\\_submission\\_2020/Data\\_Comparator\\_for\\_1582\\_768.pdf](http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1582_768.pdf)

**Other Relvant Info**

Other relevant information: The database community clearly sees PODS and SIGMOD as having equal esteem; for more than a decade now they are always colocated, and the theory subcommunity is valued greatly (for example, they run activities like "Gems of PODS" which are intended to be accessible to the wider backgrounds of SIGMOD attendees). Registrants are entitled to attend the talks from both conferences equally, which would not make sense if PODS was seen as lower in quality. The six-member PODS Executive (ie Steering Committee) contains 4 ACM Fellows. Of the past 10 PC Chairs, 5 are ACM Fellows. Several members of the PODS community (Abiteboul, Fagin, Vardi) have been honoured by the Edgar Codd Innovation Award, the highest recognition for technical contributions among the whole database community. In the past 5 years, of the Research Highlights chosen from the whole of the database community by SIGMOD, 20% (7 out of 35) have come from PODS.

#### **Attachments**

[http://portal.core.edu.au/core/media/request\\_attachment/pods-icdt-for-core.pdf](http://portal.core.edu.au/core/media/request_attachment/pods-icdt-for-core.pdf)

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