Submission Data for 2020-2021 CORE conference Ranking process
International Conference on Principles and Practice of Constraint Programming

Chris Beck

Conference Details

Conference

Title: International Conference on Principles and Practice of Constraint Programming
Acronym : CP
Rank: A

Data and Metrics

Google Scholar Metrics

h5-index: 21sub-category url: `https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng`position in
sub-category: 20+Image of top 20:

	Publication	h5-index	h5-median
1.	International Conference on Learning Representations	203	359
2.	Neural Information Processing Systems	198	377
3.	International Conference on Machine Learning (ICML)	171	309
4.	AAAI Conference on Artificial Intelligence	126	183
5.	Expert Systems with Applications	111	152
6.	IEEE Transactions On Systems, Man And Cybernetics Part B, Cybernetics	111	150
7.	IEEE Transactions on Neural Networks and Learning Systems	107	146
8.	Neurocomputing	100	143
9.	Applied Soft Computing	96	123
10.	International Joint Conference on Artificial Intelligence (IJCAI)	95	140
11.	IEEE Transactions on Fuzzy Systems	87	117
12.	Knowledge-Based Systems	85	121
13.	The Journal of Machine Learning Research	82	153
14.	Neural Computing and Applications	67	98
15.	Neural Networks	64	92
16.	International Conference on Artificial Intelligence and Statistics	57	89
17.	Engineering Applications of Artificial Intelligence	57	78
18.	Robotics and Autonomous Systems	56	87
19.	Conference on Learning Theory (COLT)	54	80
20.	Journal of Intelligent & Fuzzy Systems	50	79

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Aminer Rank: 322Name in Aminer: International Conference on Principles and Practice of Constraint ProgrammingAcronym or Shorthand: CPh-5 Index: 21CCF: BTHU: B
Top Aminer Cites: `http://portal.core.edu.au/core/media/conf_submissions_citations/extra_info1825_aminer_top_cite.png`

Publications

Top Cited   Authors   Affiliations

	Browse by Citation

1

Assisted Lead Sheet Composition Using FlowComposer

Alexandre Papadopoulos, Pierre Roy, François Pachet

(2016)

Cited by **65**

2

Strengthening Convex Relaxations with Bound Tightening for Power Network Optimization

Carleton Coffrin, Hassan L. Hijazi, Pascal Van Hentenryck

(2015)

Cited by **61**

3

Smallest MUS Extraction with Minimal Hitting Set Dualization

Alexey Ignatiev, Alessandro Previti, Mark H. Liffiton, Joao Marques-Silva

(2015)

Cited by **44**

4

Conflict Ordering Search for Scheduling Problems

Steven Gay , Renaud Hartert, Christophe Lecoutre, Pierre Schaus

(2015)

Cited by **43**

5

Compact-Table: Efficiently Filtering Table Constraints with Reversible Sparse Bit-Sets

Jordan Demeulenaere , Renaud Hartert, Christophe Lecoutre, Guillaume Perez, Laurent Perron, Jean-Charles Régin, Pierre Schaus

(2016)

Cited by **40**

6

Machine Learning of Bayesian Networks Using Constraint Programming

Peter van Beek, Hella-Franziska Hoffmann

(2015)

Cited by **38**

7

Tightening McCormick Relaxations for Nonlinear Programs via Dynamic Multivariate Partitioning

Harsha Nagarajan, Mowen Lu , Emre Yamangil, Russell Bent

(2016)

Cited by **36**

8

Anytime Hybrid Best-First Search with Tree Decomposition for Weighted CSP

David Allouche, Simon de Givry, George Katsirelos, Thomas Schiex, Matthias Zytnicki

(2015)

Cited by **35**

9

Generalized Totalizer Encoding for Pseudo-Boolean Constraints

Saurabh Joshi, Ruben Martins, Vasco M. Manquinho

(2015)

Cited by **32**

10

A Parallel, Backjumping Subgraph Isomorphism Algorithm using Supplemental Graphs

Ciaran McCreesh, Patrick Prosser

(2015)

Cited by **29**

11

MiniSearch: A Solver-Independent Meta-Search Language for MiniZinc

Andrea Rendl , Tias Guns, Peter J. Stuckey, Guido Tack

(2015)

Cited by **29**

12

Power Capping in High Performance Computing Systems

Andrea Borghesi, Francesca Collina , Michele Lombardi, Michela Milano, Luca Benini

(2015)

Cited by **25**

Other Rankings

Not aware of any other Rankings
Conferences in area:

Top People Publishing Here

Not Providing Top People Publishing Here

Where People Publish

Top People Report

Method of selection: We started with the list of AAAI and EurAI fellows and extracted those for which CP was in their top 3 specialized conferences by publication. We defined "specialized conference" as excluding AAAI, IJCAI, and ECAI.

Keyword:

name	h-index	gscholar url
Henry Kautz	79	https://scholar.google.com/citations?hl=en&user=WxQyOYQAAAAJ
Bart Selman	74	https://scholar.google.com/citations?hl=en&user=pJ28HA0AAAAJ
Holger Hoos	72	https://scholar.google.com/citations?hl=en&user=l6c85tMAAAAJ
Toby Walsh	70	https://scholar.google.com/citations?hl=en&user=oOQ6x0IAAAAJ
Pascal Van Hentenryck	66	https://scholar.google.com/citations?hl=en&user=GxFQz-4AAAAJ
Boi Faltings	64	https://scholar.google.com/citations?hl=en&user=X21nbgcAAAAJ
Peter Stuckey	59	https://scholar.google.com/citations?hl=en&user=tvFekxwAAAAJ
Rina Dechter	57	https://scholar.google.com/citations?hl=en&user=PI_3bqEAAAAJ
Fahiem Bacchus	52	https://scholar.google.com/citations?hl=en&user=Yy4QD_AAAAAJ
Thomas Schiex	52	https://scholar.google.com/citations?hl=en&user=DChOwtEAAAAJ
Christian Bessiere	43	https://scholar.google.com/citations?hl=en&user=BzUhmJ8AAAAJ
Eugene Freuder	43	https://scholar.google.com/citations?hl=en&user=a8gYKGkAAAAJ
Barry O'Sullivan	38	https://scholar.google.com/citations?hl=en&user=EtMwv6YAAAAJ
Francesca Rossi	38	https://scholar.google.com/citations?hl=en&user=Zp41vKYAAAAJ
Peter Van Beek	33	https://scholar.google.com/citations?hl=en&user=MP_l6fsAAAAJ
Francois Pachet	48	https://scholar.google.com/citations?hl=en&user=rMvxOLYAAAAJ
Makoto Yokoo	50	https://scholar.google.com/citations?hl=en&user=dHXCX-sAAAAJ
Sylvie Thiebaux	32	https://scholar.google.com/citations?hl=en&user=UliUDOgAAAAJ
Carla P. Gomes	29	https://www.scopus.com/authid/detail.uri?authorId=7101707114
Pedro Meseguer	17	https://www.scopus.com/authid/detail.uri?authorId=6701529411

Reference item: \\ 3. International Conference on Principles and Practice of Constraint Programming (CP)
Core Rank: A

This conference was published at 43 times by 10 of 20 experts in the last 5 years.

The experts that publish at this conference are: Franois Pachet(2), Peter J. Stuckey(23), Christian Bessiere(4),
Carla P. Gomes(2), Holger H. Hoos(1), Thomas Schiex(2), Barry O'Sullivan(3), Fahiem Bacchus(1), Pascal Van
Hentenryck(3), Sylvie Thibaux(2)

In 2016, there were 11 publications by 6 experts: Franois Pachet, Christian Bessiere, Peter J. Stuckey, Thomas
Schiex, Carla P. Gomes, Sylvie Thibaux
In 2017, there were 6 publications by 4 experts: Peter J. Stuckey, Pascal Van Hentenryck, Fahiem Bacchus, Barry
O'Sullivan
In 2018, there were 7 publications by 4 experts: Holger H. Hoos, Christian Bessiere, Peter J. Stuckey, Carla P.
Gomes
In 2019, there were 8 publications by 5 experts: Christian Bessiere, Peter J. Stuckey, Pascal Van Hentenryck,
Barry O'Sullivan, Sylvie Thibaux
In 2020, there were 11 publications by 4 experts: Christian Bessiere, Thomas Schiex, Peter J. Stuckey, Barry
O'Sullivan

10 out of the 20 experts published at this conference in 1 or more years
7 out of the 20 experts published at this conference in 2 or more years
3 out of the 20 experts published at this conference in 3 or more years
2 out of the 20 experts published at this conference in 4 or more years
1 out of the 20 experts published at this conference in 5 or more years WPP Report:
http://portal.core.edu.au/core/media/conf_rank_report/extra_info1825_top_people_report.txt
Graphs: http://portal.core.edu.au/core/media/ Error: No file found

Other Information

Attachments

http://portal.core.edu.au/core/media/request_attachment/CP_response_CORE.pdf

Proposers

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Submitted By

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