



Submission Data for 2020-2021 CORE conference Ranking process
International Conference on Practical Applications of Computational Biology & Bioinformatics

Roberto Casado, Florentino Fdez-Riverola, Miguel Rocha

Conference Details

Conference

Title: International Conference on Practical Applications of Computational Biology & Bioinformatics
Acronym : PACBB

Requested Rank

Rank: C

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/pacbb/index.html>

For Codes

For1: 4602
For2: 4611
For3: 4699

Recent Years

Proceedings Publishing Style

Proceedings Publishing: series

Link to most recent proceedings: <https://link.springer.com/book/10.1007/978-3-030-54568-0>

Further details: The publisher of our PACBB proceedings is Springer as part of the Advances in Intelligent Systems and Computing book series (AISC, volume 1240). This book is just for the PACBB conference papers and it has only the main track papers.

Most Recent Years

Most Recent Year

Year: 2019

URL: <https://www.pacbb.net/>

Location: Ávila (Spain)

Papers submitted: 37

Papers published: 21

Acceptance rate: 57

Source for numbers: <https://link.springer.com/book/10.1007/978-3-030-23873-5>

General Chairs

Name: Mohd Saberi Mohamad Affiliation: Faculty of Bioengineering and Technology Universiti Malaysia Kelantan Kelantan, Malaysia Gender: M H Index: 26 G Scholar url: https://scholar.google.com/citations?user=7mrqYiQAAAAJ&hl=es DBLP url: https://dblp.org/pid/89/4308.html
Name: Miguel Rocha Affiliation: Department de Inform�tica Universidade do Minho Braga, Portugal Gender: M H Index: 39 G Scholar url: https://scholar.google.com/citations?user=pT-rwEIAAAAJ&hl=es DBLP url: https://dblp.org/pid/17/2067.html

Program Chairs

Name: Florentino Fdez-Riverola Affiliation: Edificio Pol�cnico Escuela Superior de Ingenier�a Inform�tica, Campus Universitario As Lagoas Ourense, Spain Gender: M H Index: 42 G Scholar url: https://scholar.google.es/citations?user=CMnYFuYAAAAJ&hl=es DBLP url: https://dblp.org/pid/r/FlorentinoFernandezRiverola.html
Name: Jos� A. Castellanos-Garz�n Affiliation: IBSAL/BISITE Research Group University of Salamanca Salamanca, Salamanca, Spain Gender: M H Index: 9 G Scholar url: https://scholar.google.es/citations?user=Ifec4NAAAAAJ&hl=es DBLP url: https://dblp.org/pid/13/2539.html
Name: Nazar Zaki Affiliation: Department of Computer Science and Software Engineering Leader, Data Science Research Group College of Information Technology Gender: M H Index: 20 G Scholar url: https://scholar.google.com/citations?user=FAdaP90AAAAAJ&hl=en DBLP url: https://dblp.org/pid/90/7052.html

Second Most Recent Year

Year: 2018
URL: <https://www.pacbb.net/>
Location: Toledo (Spain)
Papers submitted: 42
Papers published: 26
Acceptance rate: 62
Source for numbers: <https://link.springer.com/book/10.1007/978-3-319-98702-6>

General Chairs

Name: Mohd Saberi Mohamad Affiliation: Faculty of Bioengineering and Technology Universiti Malaysia Kelantan Kelantan, Malaysia Gender: M H Index: 26 G Scholar url: https://scholar.google.com/citations?user=7mrqYiQAAAAJ&hl=es DBLP url: https://dblp.org/pid/89/4308.html
Name: Miguel Rocha Affiliation: Department de Inform�tica Universidade do Minho Braga, Portugal Gender: M H Index: 29 G Scholar url: https://scholar.google.com/citations?user=pT-rwEIAAAAJ&hl=es DBLP url: https://dblp.org/pid/17/2067.html

Program Chairs

Name: Florentino Fdez-Riverola Affiliation: Edificio Politécnico Escuela Superior de Ingeniería Informática, Campus Universitario As Lagoas Ourense, Spain Gender: M H Index: 42 G Scholar url: https://scholar.google.es/citations?user=CMnYFuYAAAAJ&hl=es DBLP url: https://dblp.org/pid/r/FlorentinoFernandezRiverola.html
Name: Juan F. De Paz Affiliation: Departamento de Informática y Automática, Facultad de Ciencias Universidad de Salamanca Salamanca, Spain Gender: M H Index: 32 G Scholar url: https://scholar.google.es/citations?user=TiXpd4kAAAAJ&hl=es DBLP url: https://dblp.org/pid/53/2507.html
Name: Pascual González Affiliation: Departamento de Sistemas Informáticos Universidad de Castilla-La Mancha Albacete, Albacete Spain Gender: M H Index: 24 G Scholar url: https://scholar.google.es/citations?user=vTAIhw8AAAAJ&hl=it DBLP url: https://dblp.org/pid/g/PascualGonzalez.html

Third Most Recent Year

Year: 2017
URL: <https://www.pacbb.net/>
Location: Porto (Portugal)
Papers submitted: 61
Papers published: 39
Acceptance rate: 64
Source for numbers: <https://link.springer.com/book/10.1007/978-3-319-60816-7>

General Chairs

Name: Mohd Saberi Mohamad Affiliation: Faculty of Bioengineering and Technology Universiti Malaysia Kelantan Kelantan, Malaysia Gender: M H Index: 26 G Scholar url: https://scholar.google.com/citations?user=7mrqYiQAAAAJ&hl=es DBLP url: https://dblp.org/pid/89/4308.html
Name: Miguel Rocha Affiliation: Department de Informática Universidade do Minho Braga, Portugal Gender: M H Index: 29 G Scholar url: https://scholar.google.com/citations?user=pT-rwEIAAAAAJ&hl=es DBLP url: https://dblp.org/pid/17/2067.html

Program Chairs

Name: Florentino Fdez-Riverola Affiliation: Edificio Politécnico Escuela Superior de Ingeniería Informática, Campus Universitario As Lagoas Ourense, Spain Gender: M H Index: 42 G Scholar url: https://scholar.google.es/citations?user=CMnYFuYAAAAJ&hl=es DBLP url: https://dblp.org/pid/r/FlorentinoFernandezRiverola.html
Name: Juan F. De Paz Affiliation: Departamento de Informática y Automática, Facultad de Ciencias Universidad de Salamanca Salamanca, Spain Gender: M H Index: 32 G Scholar url: https://scholar.google.es/citations?user=TiXpd4kAAAAJ&hl=es DBLP url: https://dblp.org/pid/53/2507.html
Name: Tiago Pinto Affiliation: Departamento de Informática y Automática, Facultad de Ciencias Universidad de Salamanca Salamanca, Spain Gender: M H Index: 27 G Scholar url: https://scholar.google.com/citations?user=RfV9088AAAAJ&hl=en DBLP url: https://dblp.org/pid/161/1130.html

Policies

Chair Selection: COMMITTEE SELECTION PROCESS NOMINATION PROCESS: â€¢ PACBB members present at the annual meeting will have the opportunity to self-nominate by placing their names for consideration of committee selection. â€¢ Members may self-nominate to serve on multiple committees, but they must number their order of preference. â€¢ Members will serve on 1 committee at a time with the exception of the program committee, publication committee, executive committee, past-presidents committee, and PCM committee. â€¢ Members may also become committee members by the nomination of the committee chair or any member of the executive committee. SELECTION PROCESS: â€¢ The secretary will select the new members using the suggested maximum numbers listed below for each committee. â€¢ The secretary will submit the preliminary committee rosters to the executive committee for approval by vote. Any suggested new committee members receiving 2 no votes will not be selected. â€¢ Prior to voting to approve the new rosters, the executive committee has the option to remove committee members or suggests alternative names prior to the final vote. TERMS OF COMMITTEE SERVICE: â€¢ New members will serve a 3-year term and then become eligible for 2-year extension by the executive committee. â€¢ Only committee members who attending the committee meeting in person at the annual meeting 2 of the 3 years will be considered for extension or rotation into the chair role. TERMS OF CHAIRPERSON SERVICE: â€¢ The chairperson will be selected by the executive committee from the eligible committee members â€¢ Committee members who move into the chair role will serve a 3- year term and become eligible for a 2-year extension decided by the executive committee. â€¢ This extension will only be considered for those chairpersons who presided over the annual committee meeting in person at least 2 of the 3 years. â€¢ A committee chairperson may be removed and replaced during the 3- year term at the discretion of the executive committee. PUBLICATION, PROGRAM, AND EXECUTIVE COMMITTEE: â€¢ Only after serving a 3-year term will members become eligible for the program committee or publication committee. â€¢ Only members of the program committee or publication committee will be considered for a leadership position within the organizing committee. MEMBERSHIP STATUS: Members who fail to pay their dues and lose PACBB membership status according to the previously defined membership rules will be removed from their committee positions. These members will be reminded of this implication with a final written warning after their dues notifications prior to dropping their membership status.

No Policies.

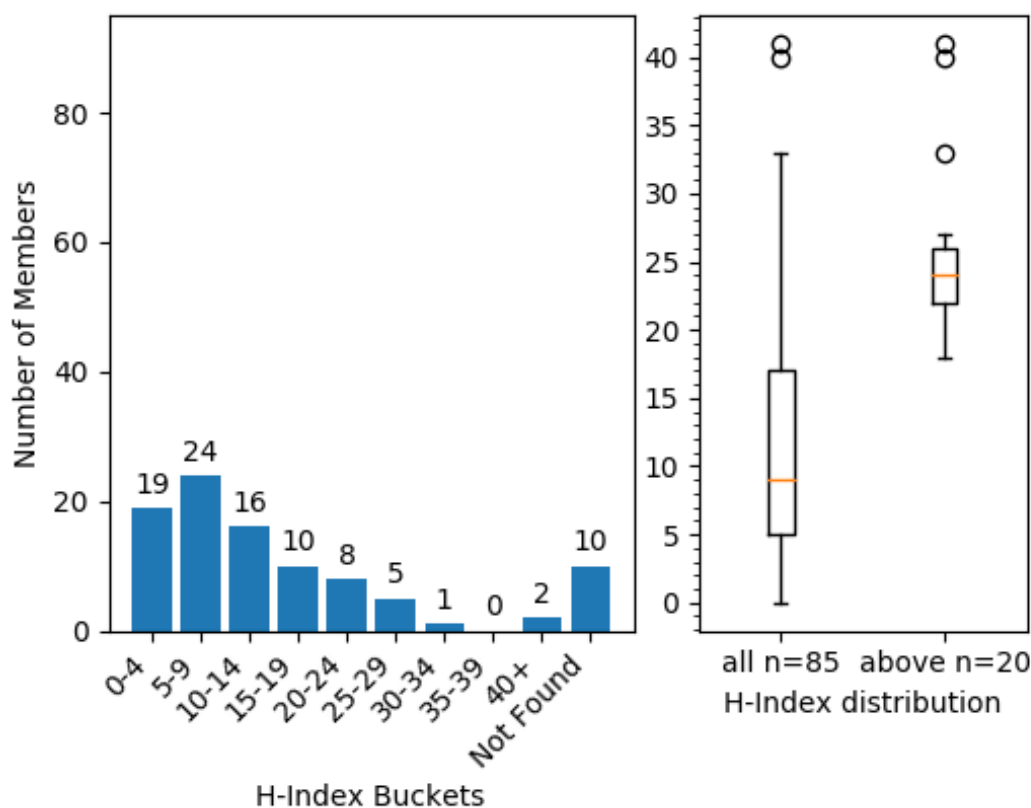
(Senior) Program Committee

Link to (s)pc: <https://www.pacbb.net/organization/program-committee>

File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/PACBB_SPC_2wn3k1s.txt

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1343.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_bioinformatics

Position in sub-category: 20+

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/addrank1343_gscholar_minh5.JPG

Categories > Engineering & Computer Science > Bioinformatics & Computational Biology ▾

	Publication	h5-index	h5-median
1.	Bioinformatics	125	207
2.	PLOS Computational Biology	84	124
3.	Briefings in Bioinformatics	65	105
4.	BMC Bioinformatics	63	87
5.	GigaScience	51	76
6.	Journal of Theoretical Biology	45	64
7.	Database: The Journal of Biological Databases & Curation	43	70
8.	Journal of Cheminformatics	41	67
9.	IEEE/ACM Transactions on Computational Biology and Bioinformatics	41	60
10.	Genomics, Proteomics & Bioinformatics	36	69
11.	BMC Systems Biology	31	46
12.	Mathematical Biosciences	29	36
13.	Journal of Mathematical Biology	29	35
14.	Pacific Symposium on Biocomputing	25	44
15.	IEEE International Conference on Bioinformatics and Biomedicine	25	38
16.	Computational Biology and Chemistry	25	33
17.	Journal of Biomedical Semantics	24	29
18.	Molecular Informatics	23	53
19.	International Conference on Research in Computational Molecular Biology	23	38
20.	Journal of Computational Biology	23	33

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

No Google Scholar h5 index available for this conference

Potential reason for no h5 index: We are working on it. PACBB is just a small conference that is continuously growing with a few members every new year.

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Not Listed in Aminer

Other Rankings

Not aware of any other Rankings

Conferences in area: -IEEE Computational Systems Bioinformatics Conference -Asia-Pacific Bioinformatics Conference -Workshop on Algorithms in Bioinformatics -IEEE Computational Systems Bioinformatics Conference -IEEE International Symposium on Bioinformatics and Bioengineering -IEEE Bioinformatics and Bioengineering -IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology - Practical Applications of Computational Biology & Bioinformatics

Top People Publishing Here

Not Providing Top People Publishing Here

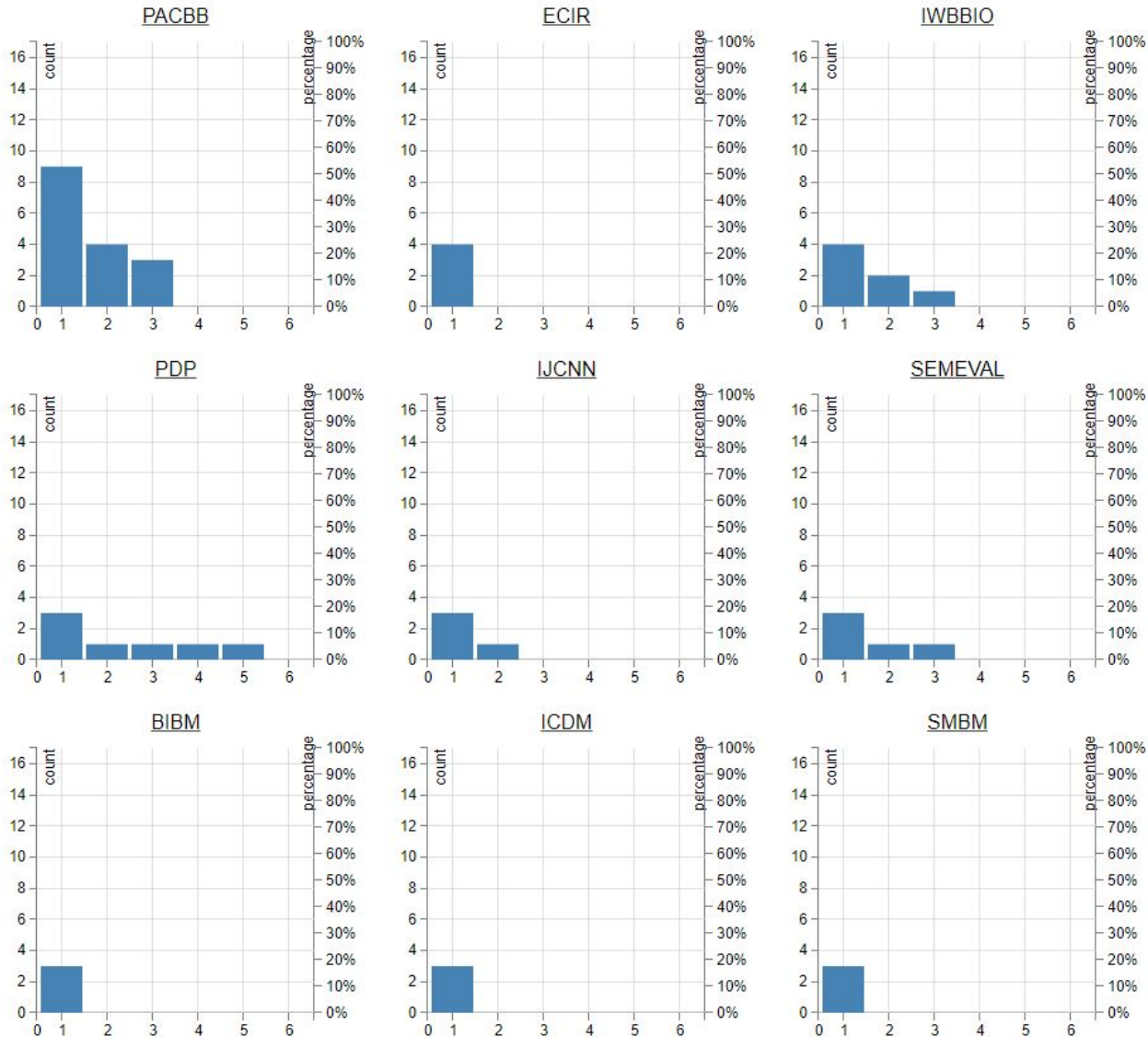
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions.top_spc/addrank1343.top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/addrank1343_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1343_spc_graph.JPG



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. Practical Applications of Computational Biology & Bioinformatics (PACBB)

This conference was published at 35 times by 9 of 17 experts in the last 5 years.

The experts that publish at this conference are: Jos Lus Oliveira(1), Rosalba Giugno(1), Nuno A. Fonseca(1), Francisco M. Couto(4), Armando J. Pinho(11), Alfredo Vellido(2), Marcelo Maraschin(10), Srgio Matos(2), Carolyn L. Talcott(3)

In 2015, there were 4 publications by 1 experts: Marcelo Maraschin

In 2016, there were 2 publications by 2 experts: Alfredo Vellido, Carolyn L. Talcott

In 2017, there were 17 publications by 7 experts: Marcelo Maraschin, Srgio Matos, Nuno A. Fonseca, Carolyn L. Talcott, Francisco M. Couto, Armando J. Pinho, Alfredo Vellido

In 2018, there were 7 publications by 3 experts: Marcelo Maraschin, Rosalba Giugno, Armando J. Pinho

In 2019, there were 3 publications by 1 experts: Armando J. Pinho

In 2020, there were 2 publications by 2 experts: Jos Lus Oliveira, Carolyn L. Talcott

9 out of the 17 experts published at this conference in 1 or more years

4 out of the 17 experts published at this conference in 2 or more years

3 out of the 17 experts published at this conference in 3 or more years

Top People Report

Method of selection: We select the keyword "bioinformatics" in google scholar. Then we pick up the 20 first ones who fits with the "top people report" needs

	name	h-index	gscholar url
Keyword: bioinformatics	De Moor Bart	149	https://scholar.google.es/citations?hl=es&user=qws2WIMAAAAJ
	Eric Lander	280	https://scholar.google.es/citations?hl=es&user=LXVfPc8AAAAJ
	Peer Bork	208	https://scholar.google.es/citations?hl=es&user=M6Etr6oAAAAJ
	Webb Miller	99	https://scholar.google.es/citations?hl=es&user=k9T3V7EAAAAJ
	Steven Salzberg	145	https://scholar.google.es/citations?hl=es&user=jlas1aMAAAAAJ
	Gene Myers	75	https://scholar.google.es/citations?hl=es&user=jlas1aMAAAAAJ
	Richard Durbin	136	https://scholar.google.es/citations?hl=es&user=5UfPNmQAAAAJ
	Sudhir Kumar	75	https://scholar.google.es/citations?hl=es&user=G5zYeD8AAAAJ
	Gad Getz	186	https://scholar.google.es/citations?hl=es&user=q-KRzawAAAAJ
	Marco Marra	186	https://scholar.google.es/citations?hl=es&user=24w4w9AAAAAJ
	Koichiro Tamura	33	https://scholar.google.es/citations?hl=es&user=o5f46UgAAAAJ
	Stephen Altschul	48	https://scholar.google.es/citations?hl=es&user=Qpx7Ko4AAAAJ
	des higgins	68	https://scholar.google.es/citations?hl=es&user=ApOK7rUAAAAJ
	Toby Gibson	84	https://scholar.google.es/citations?hl=es&user=udfEf1EAAAAJ
	Mark Gerstein	174	https://scholar.google.es/citations?hl=es&user=YvjuUugAAAAJ
	Ewan Birney	123	https://scholar.google.es/citations?hl=es&user=ftd3UB0AAAAJ
	Steven Jones	138	https://scholar.google.es/citations?hl=es&user=8iW6kD4AAAAJ
	Jinghui Zhang	79	https://scholar.google.es/citations?hl=es&user=VoyM-HOAAAAJ
	James Kent	82	https://scholar.google.es/citations?hl=es&user=dnKnXxIAAAAAJ
	Heng Li	55	https://scholar.google.es/citations?hl=es&user=HQvOp0kAAAAJ

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. International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI)

This conference was published at 4 times by 2 of 6 experts in the last 5 years.

The experts that publish at this conference are: James Kent(1), Gene Myers(3)

In 2015, there were 1 publications by 1 experts: Gene Myers

In 2017, there were 1 publications by 1 experts: Gene Myers

In 2018, there were 1 publications by 1 experts: Gene Myers

In 2019, there were 1 publications by 1 experts: James Kent

2 out of the 6 experts published at this conference in 1 or more years

1 out of the 6 experts published at this conference in 3 or more years

2. Workshop on Algorithms in Bioinformatics (WABI)

This conference was published at 2 times by 2 of 6 experts in the last 5 years.

The experts that publish at this conference are: Richard Durbin(1), Stephen F. Altschul(1)

In 2017, there were 1 publications by 1 experts: Stephen F. Altschul

In 2018, there were 1 publications by 1 experts: Richard Durbin

2 out of the 6 experts published at this conference in 1 or more years

3. International Conference on Advanced Cloud and Big Data (CBD)

This conference was published at 3 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Jinghui Zhang(3)

In 2017, there were 1 publications by 1 experts: Jinghui Zhang

In 2019, there were 2 publications by 1 experts: Jinghui Zhang

1 out of the 6 experts published at this conference in 2 or more years

4. International Conference on Computer Supported Cooperative Work in Design (CSCWD)

This conference was published at 2 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Jinghui Zhang(2)

In 2016, there were 1 publications by 1 experts: Jinghui Zhang

In 2019, there were 1 publications by 1 experts: Jinghui Zhang

1 out of the 6 experts published at this conference in 2 or more years

5. IEEE Conference on Decision and Control (CDC)

This conference was published at 2 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Bart De Moor(2)

In 2015, there were 1 publications by 1 experts: Bart De Moor

In 2018, there were 1 publications by 1 experts: Bart De Moor

1 out of the 6 experts published at this conference in 2 or more years

6. IEEE International Symposium on Biomedical Imaging (ISBI)

This conference was published at 2 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Gene Myers(2)

In 2017, there were 1 publications by 1 experts: Gene Myers

In 2020, there were 1 publications by 1 experts: Gene Myers

1 out of the 6 experts published at this conference in 2 or more years

7. IEEE Symposium Series on Computational Intelligence (SSCI)

This conference was published at 2 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Bart De Moor(2)

In 2015, there were 2 publications by 1 experts: Bart De Moor

1 out of the 6 experts published at this conference in 1 or more years

8. IEEE Workshop/Winter Conference on Applications of Computer Vision (WACV)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Gene Myers(1)

In 2020, there were 1 publications by 1 experts: Gene Myers

1 out of the 6 experts published at this conference in 1 or more years

9. IEEE International Conference on Systems, Man and Cybernetics (SMC)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Jinghui Zhang(1)

In 2015, there were 1 publications by 1 experts: Jinghui Zhang

1 out of the 6 experts published at this conference in 1 or more years

10. International Conference on Human-Computer Interaction (HCI)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Jinghui Zhang(1)

In 2019, there were 1 publications by 1 experts: Jinghui Zhang

1 out of the 6 experts published at this conference in 1 or more years

11. AAAI Conference on Artificial Intelligence (AAAI)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Gene Myers(1)

In 2020, there were 1 publications by 1 experts: Gene Myers

1 out of the 6 experts published at this conference in 1 or more years

12. European Conference on Parallel Processing (Euro-Par)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Gene Myers(1)

In 2016, there were 1 publications by 1 experts: Gene Myers

1 out of the 6 experts published at this conference in 1 or more years

13. IEEE International Conference on Computer Vision (ICCV)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Gene Myers(1)

In 2017, there were 1 publications by 1 experts: Gene Myers

1 out of the 6 experts published at this conference in 1 or more years

14. IEEE International Conference on Cluster Computing (CLUSTER)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Jinghui Zhang(1)

In 2019, there were 1 publications by 1 experts: Jinghui Zhang

1 out of the 6 experts published at this conference in 1 or more years

15. Computer Vision and Pattern Recognition (CVPR)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Gene Myers(1)

In 2016, there were 1 publications by 1 experts: Gene Myers

1 out of the 6 experts published at this conference in 1 or more years

16. British Machine Vision Conference (BMVC)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Gene Myers(1)

In 2016, there were 1 publications by 1 experts: Gene Myers

1 out of the 6 experts published at this conference in 1 or more years

17. Mediterranean Conference on Control and Automation (MED)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

The experts that publish at this conference are: Bart De Moor(1)

In 2018, there were 1 publications by 1 experts: Bart De Moor

1 out of the 6 experts published at this conference in 1 or more years

18. European Control Conference (ECC)

This conference was published at 1 times by 1 of 6 experts in the last 5 years.

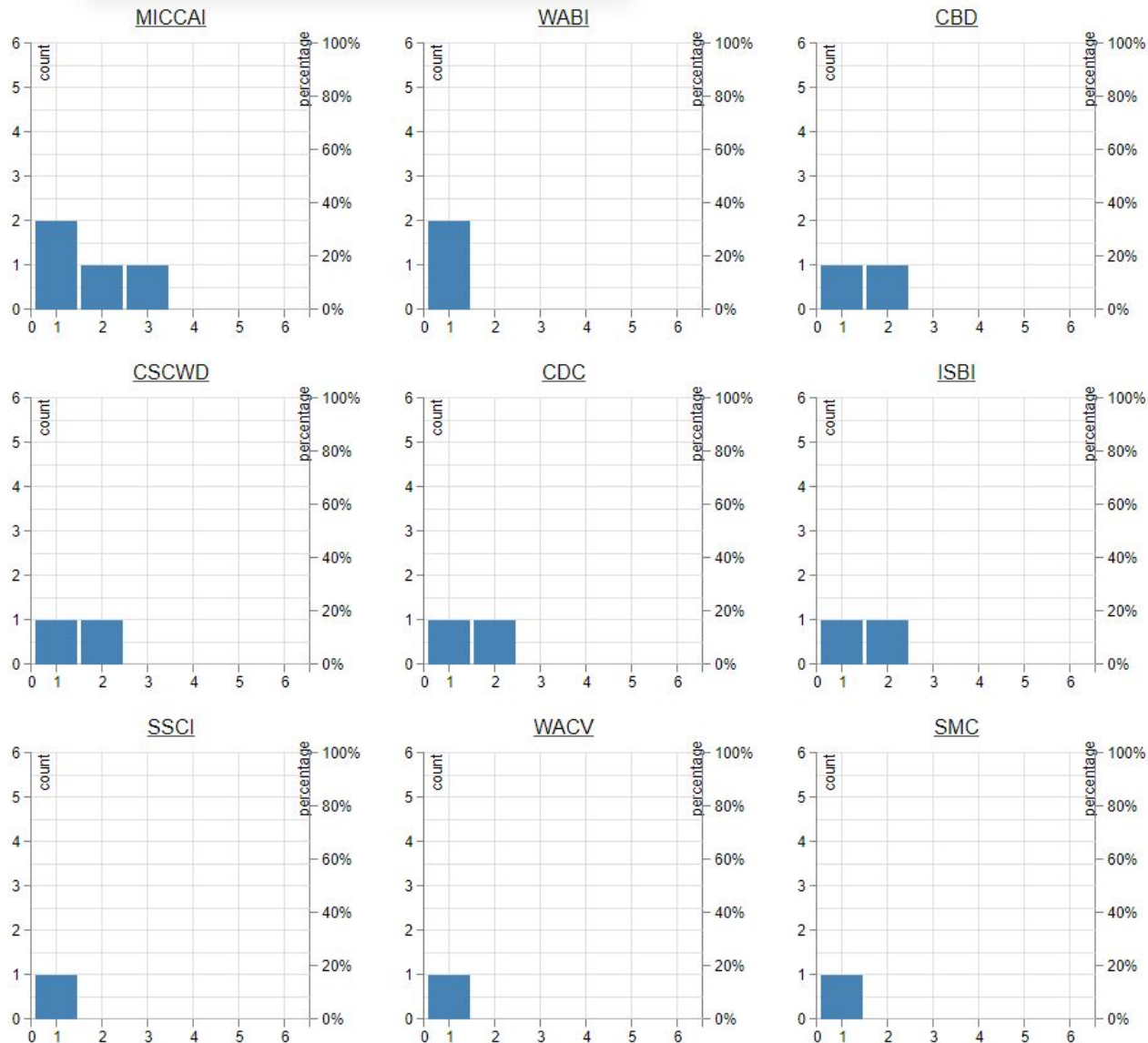
The experts that publish at this conference are: Bart De Moor(1)

In 2019, there were 1 publications by 1 experts: Bart De Moor

1 out of the 6 experts published at this conference in 1 or more years WPP Report:

http://portal.core.edu.au/core/media/conf_rank_report/addrank1343_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1343_top_people_graph.JPG



Other Information

Comparator Comparison

Comparator

IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology

Explanation as to why conference is superior to comparator:

- Both conferences do not have the h5 index from google, so at that point we are balanced. However, our proceedings have more citations year after year.

- PACBB is the 1st most preferred venue in WPP for top people, whereas CIBCB is 4th.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1343_408.pdf

Comparator

IEEE Bioinformatics and Bioengineering

Explanation as to why conference is superior to comparator:

- Both conferences do not have the h5 index from google, so at that point we are balanced. However, our proceedings have more citations year after year.

- PACBB is the 2nd most preferred venue in WPP for top people, whereas BIBE is 3th.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1343_409.pdf

Other Relvant Info

Other relevant information: The success of Bioinformatics in recent years has been prompted by research in Molecular Biology and Molecular Medicine in several initiatives. These initiatives gave rise to an exponential increase in the volume and diversification of data, including nucleotide and protein sequences and annotations, high-throughput experimental data, biomedical literature, among many others.

Systems Biology is a related research area that has been replacing the reductionist view that dominated Biology research in the last decades, requiring the coordinated efforts of biological researchers with those related to data analysis, mathematical modeling, computer simulation and optimization.

The accumulation and exploitation of large-scale data bases prompts for new computational technology and for research into these issues. In this context, many widely successful computational models and tools used by biologists in these initiatives, such as clustering and classification methods for gene expression data, are based on Computer Science/ Artificial Intelligence (CS/AI) techniques. In fact, these methods have been helping in tasks related to knowledge discovery, modeling and optimization tasks, aiming at the development of computational models so that the response of biological complex systems to any perturbation can be predicted.

The International Conference on Practical Applications of Computational Biology & Bioinformatics (PACBB) aims to promote the interaction among the scientific community to discuss applications of CS/AI with an interdisciplinary character, exploring the interactions between sub-areas of CS/AI, Bioinformatics, Chemoinformatics and Systems Biology.

Brand new ideas in these fields are sought, as well as substantial and relevant revisions and actualizations of previously presented work, project summaries and PhD thesis presented or not.

Attachments

N/A

Proposers

First name: Roberto

Last name: Casado

Affiliation: University of Salamanca (Spain)

Email: rober@usal.es

First name: Florentino

Last name: Fdez-Riverola

Affiliation: University of Vigo (Spain)

Email: riverola@uvigo.es

First name: Miguel

Last name: Rocha

Affiliation: University of Minho (Portugal)

Email: mrocha@di.uminho.pt

Submitted By

Name: Casado Vara Roberto

Email: rober@usal.es