



**Submission Data for 2020-2021 CORE conference Ranking process  
(Submitted as a comparator for International Conference on Functional Programming )**

Jeremy Gibbons

**Conference Details**

**Conference**

Title: Computer Aided Verification  
Acronym : CAV  
Rank: A\*

**DBLP Link**

DBLP url: <https://dblp.uni-trier.de/db/conf/cav>

**Recent Years**

**Proceedings Publishing Style**

Proceedings Publishing: series

Link to most recent proceedings: <https://www.springer.com/gp/book/9783030532901>

Further details: CAV publishes its proceedings as part of LNCS. In addition to the main track papers, CAV also publishes tool papers, as well as industrial experience reports and case studies. These other classes of papers are distinguishable by their shorter length (about half the length of main track papers).

**Most Recent Years**

**Most Recent Year**

Year: 2019

URL: <http://i-cav.org/2019/>

Location: New York City

Papers submitted: 258

Papers published: 67

Acceptance rate: 26

Source for numbers: <https://link.springer.com/book/10.1007/978-3-030-25540-4>

**General Chairs**

No General Chairs

**Program Chairs**

|   |
|---|
| Name: Isil Dillig<br>Affiliation: University of Texas at Austin<br>Gender: F<br>H Index: 29<br>GScholar url: <a href="https://scholar.google.com/citations?user=W1q5rZEAAA&amp;hl=en">https://scholar.google.com/citations?user=W1q5rZEAAA&amp;hl=en</a><br>DBLP url: |
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|--|
| Name: Serdar Tasiran<br>Affiliation: Amazon<br>Gender: M<br>H Index:<br>GScholar url:<br>DBLP url: <a href="https://dblp.org/pid/88/1444.html">https://dblp.org/pid/88/1444.html</a> |
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## Second Most Recent Year

Year: 2018

URL: <http://cavconference.org/2018/>

Location: Oxford, UK

Papers submitted: 215

Papers published: 65

Acceptance rate: 30

Source for numbers: <https://link.springer.com/book/10.1007%2F978-3-319-96142-2>

### General Chairs

No General Chairs

### Program Chairs

|   |
|---|
| Name: Hana Chockler<br>Affiliation: King's College London<br>Gender: F<br>H Index: 19<br>GScholar url: <a href="https://scholar.google.com/citations?user=ilfbuooAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=ilfbuooAAAAJ&amp;hl=en</a><br>DBLP url: <a href="https://dblp.org/pid/c/HanaChockler.html">https://dblp.org/pid/c/HanaChockler.html</a> |
| Name: Georg Weissenbacher<br>Affiliation: TU Wien<br>Gender: M<br>H Index: 18<br>GScholar url: <a href="https://scholar.google.com/citations?user=1KfaH-QAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=1KfaH-QAAAAJ&amp;hl=en</a><br>DBLP url: <a href="https://dblp.org/pid/15/3636.html">https://dblp.org/pid/15/3636.html</a>                       |

## Third Most Recent Year

Year: 2017

URL: <http://cavconference.org/2017/>

Location: Heidelberg, Germany

Papers submitted: 191

Papers published: 57

Acceptance rate: 30

Source for numbers: <https://link.springer.com/book/10.1007/978-3-319-63387-9>

### General Chairs

No General Chairs

### Program Chairs

|  |
|--|
| Name: Rupak Majumdar<br>Affiliation: MPI-SWS<br>Gender: M<br>H Index: 56<br>GScholar url: <a href="https://scholar.google.com/citations?user=C0uXyKwAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=C0uXyKwAAAAJ&amp;hl=en</a><br>DBLP url: <a href="https://dblp.org/pid/71/1981.html">https://dblp.org/pid/71/1981.html</a>           |
| Name: Viktor Kuncak<br>Affiliation: EPFL<br>Gender: M<br>H Index: 39<br>GScholar url: <a href="https://scholar.google.com/citations?user=kmoklesAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=kmoklesAAAAJ&amp;hl=en</a><br>DBLP url: <a href="https://dblp.org/pid/k/ViktorKuncak.html">https://dblp.org/pid/k/ViktorKuncak.html</a> |

## Google Scholar Metrics

Sub-category url: [https://scholar.google.de/citations?view\\_op=top\\_venues&hl=en&vq=eng\\_computerhardwaredesign](https://scholar.google.de/citations?view_op=top_venues&hl=en&vq=eng_computerhardwaredesign)

Position in sub-category: 11

Image of top 20: [http://portal.core.edu.au/core/media/changes\\_h5/comparator842\\_gschar\\_minh5.png](http://portal.core.edu.au/core/media/changes_h5/comparator842_gschar_minh5.png)

|     |   |           |    |
|-----|---|-----------|----|
| 1.  | IEEE Transactions on Computers  | <u>65</u> | 97 |
| 2.  | IEEE Journal of Solid-State Circuits  | <u>65</u> | 85 |
| 3.  | IEEE International Solid-State Circuits Conference                            | <u>56</u> | 74 |
| 4.  | IEEE Transactions on Circuits and Systems I: Regular Papers                   | <u>55</u> | 72 |
| 5.  | Design Automation Conference (DAC)  | <u>52</u> | 75 |
| 6.  | IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems | <u>47</u> | 70 |
| 7.  | Design, Automation and Test in Europe Conference and Exhibition (DATE)        | <u>46</u> | 60 |
| 8.  | IEEE/ACM International Symposium on Microarchitecture                         | <u>45</u> | 69 |
| 9.  | IEEE Transactions on Very Large Scale Integration (VLSI) Systems              | <u>45</u> | 61 |
| 10. | IEEE Transactions on Circuits and Systems II: Express Briefs                  | <u>44</u> | 60 |
| 11. | International Conference on Computer Aided Verification (CAV)                 | <u>38</u> | 54 |
| 12. | IEEE Journal on Emerging and Selected Topics in Circuits and Systems          | <u>36</u> | 55 |
| 13. | IEEE/ACM International Conference on Computer-Aided Design (ICCAD)            | <u>33</u> | 39 |
| 14. | Symposium on Field Programmable Gate Arrays (FPGA)                            | <u>32</u> | 51 |
| 15. | IEEE International Symposium on Circuits and Systems                          | <u>31</u> | 39 |
| 16. | Asia and South Pacific Design Automation Conference (ASP-DAC)                 | <u>29</u> | 40 |
| 17. | IEEE Symposium on VLSI Circuits (VLSIC)                                       | <u>28</u> | 38 |
| 18. | IEEE Symposium on Field-Programmable Custom Computing Machines                | <u>27</u> | 44 |
| 19. | Microprocessors and Microsystems  | <u>27</u> | 36 |
| 20. | Symposium on VLSI Circuits  | <u>27</u> | 34 |

h5-index for this conference: 38

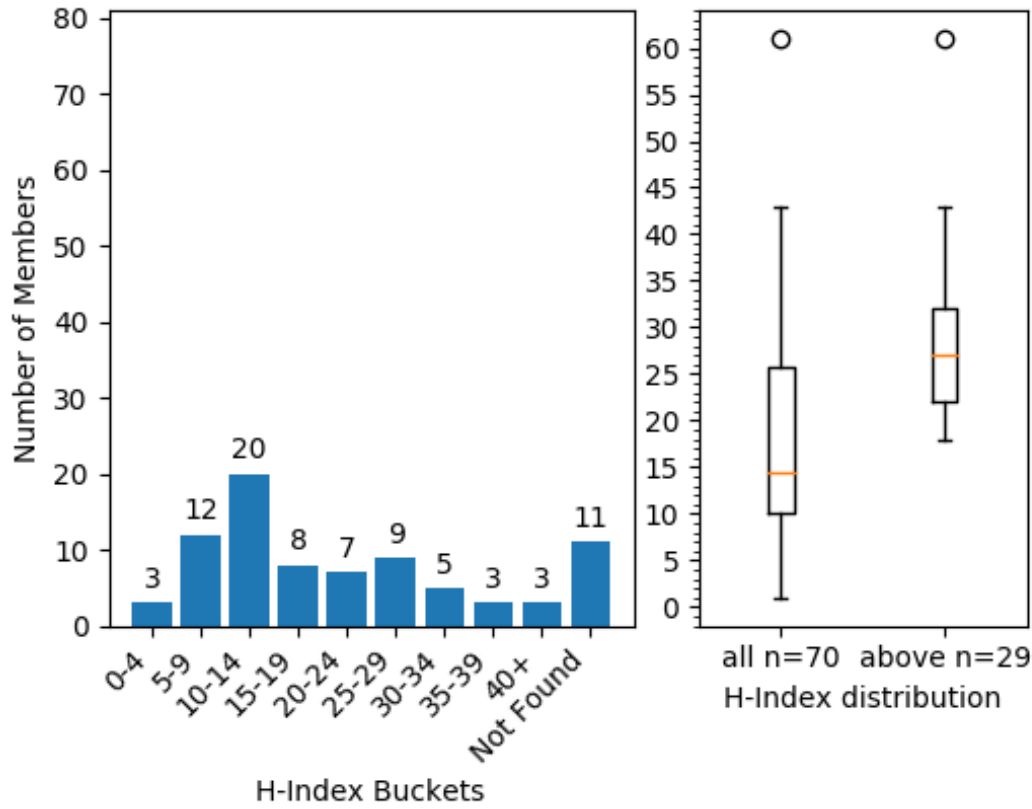
### **(Senior) Program Committee**

Link to (s)pc: <http://i-cav.org/2019/organization/>

File: [http://portal.core.edu.au/core/media/conf\\_submissions\\_spc\\_file/CAV2019-PC.txt](http://portal.core.edu.au/core/media/conf_submissions_spc_file/CAV2019-PC.txt)

H-index plot: [http://portal.core.edu.au/core/media/conf\\_submissions\\_hindex\\_plots/hindex\\_buckets\\_842.png](http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_842.png)

Information Contained within this graph is derived using the Elsevier Scopus Database 2021.



**Where people publish**

**Top (Senior) Program Committee Members**

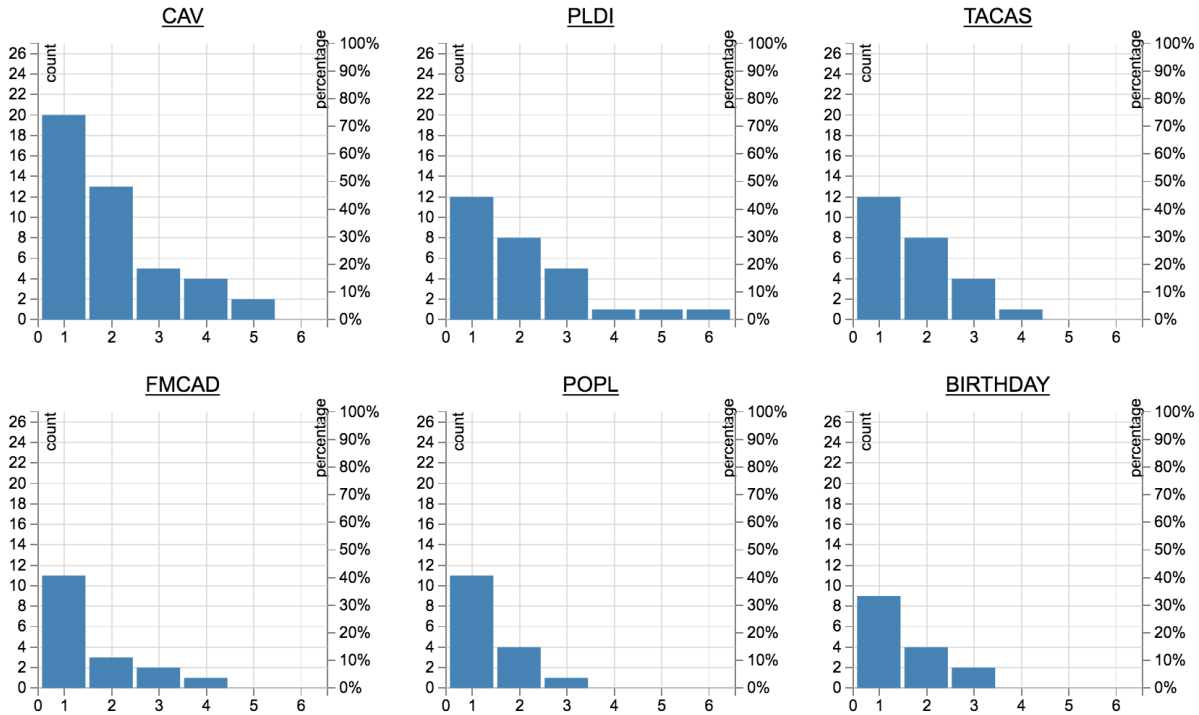
Generated Report Name: conf\_submissions\_top\_spc/Comparator842\_top\_spc.csv

WPP Report: [http://portal.core.edu.au/core/media/conf\\_rank\\_report/comparator842\\_spc\\_report.txt](http://portal.core.edu.au/core/media/conf_rank_report/comparator842_spc_report.txt)

Graphs: [http://portal.core.edu.au/core/media/conf\\_rank\\_graphs/comparator842\\_spc\\_graph.png](http://portal.core.edu.au/core/media/conf_rank_graphs/comparator842_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: \\ 1. International Conference on Computer Aided Verification (CAV)

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 This conference was published at 58 times by 20 of 27 experts in the last 5 years.

The experts that publish at this conference are: Gilles Barthe(1), Rajeev Alur(4), Aarti Gupta(4), Grigore Rosu(2), Chris Hawblitzel(2), Arie Gurfinkel(6), Cesare Tinelli(8), Roderick Bloem(4), Alan J. Hu(2), Ufuk Topcu(2), Isil Dillig(3), Margus Veanes(2), Ranjit Jhala(1), Christel Baier(2), Eran Yahav(2), Nir Piterman(2), Natasha Sharygina(1), Adam Chlipala(1), Mayur Naik(2), Sanjit A. Seshia(9)

In 2015, there were 11 publications by 7 experts: Chris Hawblitzel, Arie Gurfinkel, Adam Chlipala, Cesare Tinelli, Nir Piterman, Rajeev Alur, Sanjit A. Seshia

In 2016, there were 8 publications by 10 experts: Gilles Barthe, Rajeev Alur, Grigore Rosu, Christel Baier, Arie Gurfinkel, Cesare Tinelli, Roderick Bloem, Alan J. Hu, Ufuk Topcu, Natasha Sharygina

In 2017, there were 10 publications by 8 experts: Margus Veanes, Christel Baier, Eran Yahav, Cesare Tinelli, Sanjit A. Seshia, Roderick Bloem, Rajeev Alur, Mayur Naik

In 2018, there were 10 publications by 6 experts: Aarti Gupta, Eran Yahav, Cesare Tinelli, Sanjit A. Seshia, Roderick Bloem, Isil Dillig

In 2019, there were 10 publications by 6 experts: Arie Gurfinkel, Aarti Gupta, Cesare Tinelli, Roderick Bloem, Alan J. Hu, Sanjit A. Seshia

In 2020, there were 9 publications by 7 experts: Arie Gurfinkel, Ranjit Jhala, Grigore Rosu, Sanjit A. Seshia, Mayur Naik, Ufuk Topcu, Isil Dillig

- 20 out of the 27 experts published at this conference in 1 or more years
- 13 out of the 27 experts published at this conference in 2 or more years
- 5 out of the 27 experts published at this conference in 3 or more years
- 4 out of the 27 experts published at this conference in 4 or more years
- 2 out of the 27 experts published at this conference in 5 or more years