



**Submission Data for 2020-2021 CORE conference Ranking process
IEEE Conference on Virtual Reality and 3D User Interfaces**

Thuong Hoang

Conference Details

Conference

Title: IEEE Conference on Virtual Reality and 3D User Interfaces
Acronym : VR
Rank: A

Requested Rank

Rank: A

Recent Years

Proceedings Publishing Style

Proceedings Publishing: series

Link to most recent proceedings: <https://ieeexplore.ieee.org/servlet/opac?punumber=9070012>

Further details: Since 2019, conference papers are all published in this proceedings. Journal VR papers are published in TVCG journal. Conference papers are 4-8 pages in length with more focused topics than the journal track. Posters are also published in the same proceedings

Most Recent Years

Most Recent Year

Year: 2019
URL: <https://ieeevr.org/2019/>
Location: Osaka, Japan
Papers submitted: 442
Papers published: 95
Acceptance rate: 21
Source for numbers: <https://ieeexplore.ieee.org/document/8798110/>

General Chairs

Name: Kiyoshi Kiyokawa Affiliation: Nara Institute of Science and Technology, Japan Gender: M H Index: 32 GScholar url: https://scholar.google.com/citations?user=Za5kSocAAAAJ&hl=en DBLP url: https://dblp.org/pid/19/6374.html
Name: Hideyuki Ando, Affiliation: Osaka University, Japan Gender: M H Index: GScholar url: DBLP url: https://dblp.org/pid/42/889.html
Name: Betty Mohler, Affiliation: Amazon TÄijbingen, Germany Gender: F H Index: 34 GScholar url: https://scholar.google.com/citations?user=fjAWIaAAAAAJ&hl=en DBLP url: https://dblp.org/pid/55/3626.html

Program Chairs

Name: Bruce Thomas Affiliation: University of South Australia Gender: M H Index: 45 G Scholar url: https://scholar.google.com/citations?user=1qChpEwAAAAJ DBLP url: https://dblp.org/pid/09/6739.html
Name: Greg Welch Affiliation: University of Central Florida, USA Gender: M H Index: 47 G Scholar url: https://scholar.google.com/citations?user=9rHaWCYAAAAJ&hl=en DBLP url: https://dblp.org/pid/w/GregoryFWelch.html
Name: Torsten Kuhlen Affiliation: RWTH Aachen University, Germany Gender: M H Index: 31 G Scholar url: https://scholar.google.de/citations?user=09ywg_UAAAAJ&hl=en DBLP url: https://dblp.org/pid/k/TorstenKuhlen.html
Name: Kyle Johnsen, Affiliation: University of Georgia, USA Gender: M H Index: 22 G Scholar url: https://scholar.google.com/citations?user=tUaCR10AAAAJ&hl=en DBLP url: https://dblp.org/pid/89/6005.html

Second Most Recent Year

Year: 2018
URL: <http://ieeivr.org/2018/>
Location: Reutlingen, Germany.
Papers submitted: 316
Papers published: 65
Acceptance rate: 21
Source for numbers: <https://ieeexplore.ieee.org/document/8446356>

General Chairs

Name: Betty Mohler, Affiliation: Amazon TÄijbingen, Germany Gender: F H Index: 34 G Scholar url: https://scholar.google.com/citations?user=fjAWIaAAAAAJ&hl=en DBLP url: https://dblp.org/pid/09/6739.html
Name: Torsten Kuhlen Affiliation: RWTH Aachen University, Germany Gender: M H Index: 31 G Scholar url: https://scholar.google.de/citations?user=09ywg_UAAAAJ&hl=en DBLP url: https://dblp.org/pid/k/TorstenKuhlen.html
Name: Matthias Bues, Affiliation: Fraunhofer IAO Stuttgart, Germany Gender: M H Index: G Scholar url: DBLP url: https://dblp.org/pid/99/3941.html
Name: Evan Suma Rosenberg, Affiliation: University of Southern California, USA Gender: M H Index: 32 G Scholar url: https://scholar.google.com/citations?user=yK8fnhkAAAAJ&hl=en DBLP url: https://dblp.org/pid/98/1611.html

Program Chairs

<p>Name: Kiyoshi Kiyokawa Affiliation: Nara Institute of Science and Technology, Japan Gender: M H Index: 32 G Scholar url: https://scholar.google.com/citations?user=Za5kSocAAAAJ&hl=en DBLP url: https://dblp.org/pid/19/6374.html</p>
<p>Name: Bruce Thomas Affiliation: University of South Australia Gender: M H Index: 45 G Scholar url: https://scholar.google.com/citations?user=1qChpEwAAAAJ DBLP url: https://dblp.org/pid/09/6739.html</p>
<p>Name: Greg Welch Affiliation: University of Central Florida, USA Gender: M H Index: 47 G Scholar url: https://scholar.google.com/citations?user=9rHaWCYAAAAJ&hl=en DBLP url: https://dblp.org/pid/w/GregoryFWelch.html</p>
<p>Name: Frank Steinicke, Affiliation: University of Hamburg, Germany Gender: M H Index: 40 G Scholar url: https://scholar.google.de/citations?user=bmRsMpUAAAAJ&hl=en DBLP url: https://dblp.org/pid/09/6285.html</p>

Third Most Recent Year

Year: 2017
URL: <http://ieeivr.org/2017/>
Location: Los Angeles, USA
Papers submitted: 117
Papers published: 23
Acceptance rate: 20
Source for numbers: <https://ieeexplore.ieee.org/document/7892220>

General Chairs

<p>Name: Evan Suma Rosenberg, Affiliation: University of Southern California, USA Gender: M H Index: 32 G Scholar url: https://scholar.google.com/citations?user=yK8fnhkAAAAJ&hl=en DBLP url: https://dblp.org/pid/98/1611.html</p>
<p>Name: David Krum, Affiliation: University of Southern California, USA Gender: M H Index: G Scholar url: DBLP url: https://dblp.org/pid/08/2504.html</p>
<p>Name: Zachary Wartell, Affiliation: University of North Carolina at Charlotte, USA Gender: M H Index: 18 G Scholar url: https://scholar.google.com/citations?user=Na3SK1kAAAAJ&hl=en DBLP url: https://dblp.org/pid/46/660.html</p>

Program Chairs

Name: Betty Mohler, Affiliation: Amazon TÄijbingen, Germany Gender: F H Index: 34 GScholar url: https://scholar.google.com/citations?user=fjAWIaAAAAAJ&hl=en DBLP url: https://dblp.org/pid/09/6739.html
Name: Frank Steinicke, Affiliation: University of Hamburg, Germany Gender: M H Index: 40 GScholar url: https://scholar.google.de/citations?user=bmRsMpUAAAAAJ&hl=en DBLP url: https://dblp.org/pid/09/6285.html
Name: Sabarish Babu, Affiliation: Clemson University, USA Gender: M H Index: 21 GScholar url: https://scholar.google.com/citations?user=72RvQTgAAAAAJ&hl=en DBLP url: https://dblp.org/pid/94/8434.html
Name: Victoria Interrante, Affiliation: University of Minnesota, USA Gender: F H Index: 38 GScholar url: https://scholar.google.com/citations?user=vQQQZVgAAAAAJ&hl=en DBLP url: https://dblp.org/pid/83/172.html

Policies

Chair Selection: The conference is part of the VGTC committee. The VGTC is a formal subcommittee of the Technical Activities Board (TAB) of the IEEE Computer Society. The VGTC provides technical leadership and organization for technical activities in the areas of visualization, computer graphics, virtual and augmented reality, and interaction. Chair selection is managed by the steering committee for VR as part of the VGTC.

Policy name: Charter

Policy url: <https://tc.computer.org/vgtc/about-us/charter/>

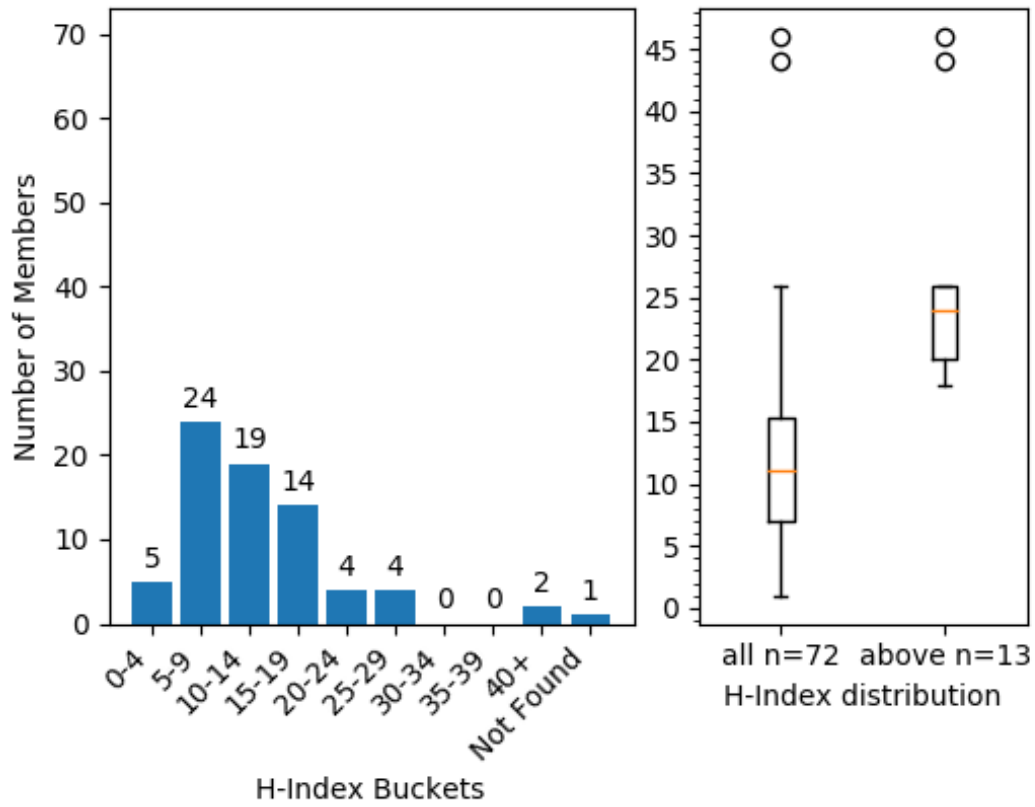
(Senior) Program Committee

Link to (s)pc: <http://ieeever.org/2020/committees/program.html>

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

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1585.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_humancomputerinteraction

Position in sub-category: 19

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank1585_gscholar_minh5.png

Publication	h5-index	h5-median
1. Computer Human Interaction (CHI)	95	122
2. ACM Conference on Computer-Supported Cooperative Work & Social Computing	61	86
3. ACM Conference on Pervasive and Ubiquitous Computing (UbiComp)	54	91
4. ACM/IEEE International Conference on Human Robot Interaction	46	66
5. IEEE Transactions on Affective Computing	45	85
6. ACM Symposium on User Interface Software and Technology	44	68
7. International Journal of Human-Computer Studies	43	70
8. IEEE Transactions on Human-Machine Systems	40	64
9. Behaviour & Information Technology	36	48
10. ACM Transactions on Computer-Human Interaction (TOCHI)	34	53
11. International Conference on Multimodal Interfaces (ICMI)	33	63
12. IEEE Transactions on Haptics	31	44
13. International Journal of Human-Computer Interaction	31	44
14. Conference on Designing Interactive Systems	31	41
15. Universal Access in the Information Society	31	41
16. International Conference on Intelligent User Interfaces (IUI)	31	39
17. HCI International	30	45
18. Mobile HCI	30	43
19. IEEE Virtual Reality Conference	28	38
20. International Conference on Tangible, Embedded, and Embodied Interaction	27	41

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

h5-index for this conference: 28

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Aminer rank: 109

Aminer name: IEEE Virtual Reality

Acronym / shortname: VR

h-5 index: 28

CCF level: A

THU level: A

Top Aminer Cites: http://portal.core.edu.au/core/media/conf_submissions_citations/higherrank1585_aminer_top_cite.png

Publications

Top Cited	Authors	Affiliations
<input type="text"/>		
Browse by Citation		
1	Augmented reality: principles and practice Dieter Schmalstieg, Tobias Höllerer (2017)	Cited by 346
2	The role of interaction in virtual embodiment: Effects of the virtual hand representation Ferran Argelaguet, Ludovic Hoyet, Michael Trico, Anatole Lécuyer (2016)	Cited by 126
3	Extending Touch-less Interaction on Vision Based Wearable Device Zhihan Lv, Shengzhong Feng, Liangbing Feng, Haibo Li (2015)	Cited by 90
4	Comparing the performance of natural, semi-natural, and non-natural locomotion techniques in virtual reality Mahdi Nabiyouni, Ayshwarya Saktheeswaran, Doug A. Bowman, Ambika Karanth (2015)	Cited by 70
5	6-DOF VR videos with a single 360-camera Jingwei Huang, Zhili Chen, Duygu Ceylan, Hailin Jin (2017)	Cited by 68
6	Virtual proxemics: Locomotion in the presence of obstacles in large immersive projection environments Ferran Argelaguet, Anne-Hélène Olivier, Gerd Bruder, Julien Pettré, Anatole Lécuyer (2015)	Cited by 55
7	The impact of a self-avatar on cognitive load in immersive virtual reality Anthony Steed, Ye Pan, Fiona Zisch, William Steptoe (2016)	Cited by 52
8	Avatar anthropomorphism and illusion of body ownership in VR Jean-Luc Lugin, Johanna Latt, Marc Erich Latoschik (2015)	Cited by 51
9	Evaluation of hands-free HMD-based navigation techniques for immersive data analysis Daniel Zielasko, Sven Horn, Sebastian Freitag, Benjamin Weyers, Torsten W. Kühlen (2016)	Cited by 50
10	Adaptive 360-degree video streaming using layered video coding Afshin TaghaviNasrabadi, Anahita Mahzari, Joseph D. Beshay, Ravi Prakash (2017)	Cited by 48
11	Cinematic virtual reality: Evaluating the effect of display type on the viewing experience for panoramic video Andrew MacQuarrie, Anthony Steed (2017)	Cited by 46

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 (Senior) Program Committee Members

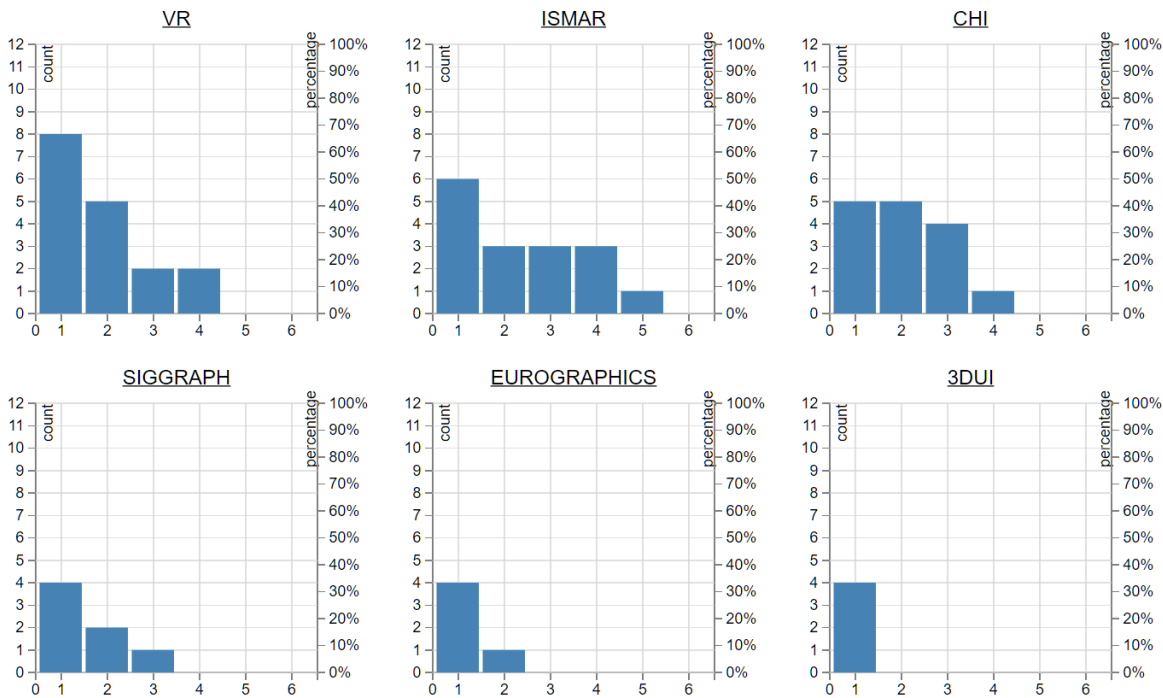
Generated Report Name: conf_submissions_top_spc/higherrank1585_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1585_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1585_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. IEEE Conference on Virtual Reality and 3D User Interfaces (VR)

 This conference was published at 22 times by 8 of 12 experts in the last 5 years.

The experts that publish at this conference are: Michael Wimmer(4), Ronan Boulic(5), Tim Dwyer(2), Hideo Saito(2), Daniel R. Mestre(1), Rachel McDonnell(1), Steven K. Feiner(6), Gun A. Lee(3)

In 2015, there were 1 publications by 1 experts: Daniel R. Mestre
 In 2016, there were 1 publications by 1 experts: Hideo Saito
 In 2017, there were 3 publications by 3 experts: Ronan Boulic, Steven K. Feiner, Hideo Saito
 In 2018, there were 3 publications by 2 experts: Ronan Boulic, Steven K. Feiner
 In 2019, there were 10 publications by 5 experts: Michael Wimmer, Ronan Boulic, Steven K. Feiner, Tim Dwyer, Gun A. Lee
 In 2020, there were 4 publications by 5 experts: Michael Wimmer, Rachel McDonnell, Ronan Boulic, Steven K. Feiner, Tim Dwyer

8 out of the 12 experts published at this conference in 1 or more years
 5 out of the 12 experts published at this conference in 2 or more years
 2 out of the 12 experts published at this conference in 4 or more years

Top People Report

Method of selection: The top 20 people on google scholar with keyword "Virtual Reality".
https://scholar.google.com/citations?view_op=search_authors&hl=en&mauthors=label:virtual_reality
 Qian Chen and Barbara Olasov Rothbaum could not be found on DBLP so they are replaced by the next 2 people on the list.
 The following experts were found but did not publish within the specified year range. Olaya Garca-Rodrguez, Joey J. Lee, Murat Yıjcel 0001: they are replaced by the next 3 people on the Google Scholar List.
 Frederick P. Brooks and Hirokazu Kato have h-index 45 so the next 2 people on the list was selected
 Jack M. Loomis did not publish within the range so was replaced by next person on the list

name	h-index	gscholar url
Steven Feiner	79	https://scholar.google.com/citations?hl=en&user=PogsVkYAAAAJ
Dinesh Manocha	121	https://scholar.google.com/citations?hl=en&user=X08l_4IAAAAAJ
Louis Rosenberg	123	https://scholar.google.com/citations?hl=en&user=_6SjdyMAAAAAJ
Mel Slater	94	https://scholar.google.com/citations?hl=en&user=5gGSgcUAAAAJ
Jian J Zhang	76	https://scholar.google.com/citations?hl=en&user=VSeDxyYAAAAJ
Paul Emmelkamp	93	https://scholar.google.com/citations?hl=en&user=W1hmitYAAAAJ
Ming Lin	87	https://scholar.google.com/citations?hl=en&user=ugFNit4AAAAJ
Daniel Thalmann	91	https://scholar.google.com/citations?hl=en&user=GPusciUAAAAJ
Timo Ojala	40	https://scholar.google.com/citations?hl=en&user=9P2jyr8AAAAJ
Giuseppe Riva	88	https://scholar.google.com/citations?hl=en&user=8KqSpwMAAAAAJ
Jim X. Chen	67	https://scholar.google.com/citations?hl=en&user=929ovoAAAAAJ
Steven M. LaValle	57	https://scholar.google.com/citations?hl=en&user=72e5VYEAAAAJ
Mark Billinghurst	76	https://scholar.google.com/citations?hl=en&user=S-J_ItYAAAAJ
Jim Blascovich	78	https://scholar.google.com/citations?hl=en&user=bjwZXqsAAAAJ
Albert Skip Rizzo	74	https://scholar.google.com/citations?hl=en&user=cTZ7Bg8AAAAJ
Arie Kaufman	83	https://scholar.google.com/citations?hl=en&user=fDdcWBAAAAAJ
Greg Welch	47	https://scholar.google.com/citations?hl=en&user=9rHaWCYAAAAJ
Dieter Schmalstieg	70	https://scholar.google.com/citations?hl=en&user=xXu8K6IAAAAAJ
Jack M. Loomis	74	https://scholar.google.com/citations?hl=en&user=Vw08_08AAAAAJ
Paul Debevec	52	https://scholar.google.com/citations?hl=en&user=rukYqhAAAAAJ

Keyword: Virtual Reality

Reference item: \\ 1. IEEE Conference on Virtual Reality and 3D User Interfaces (VR)

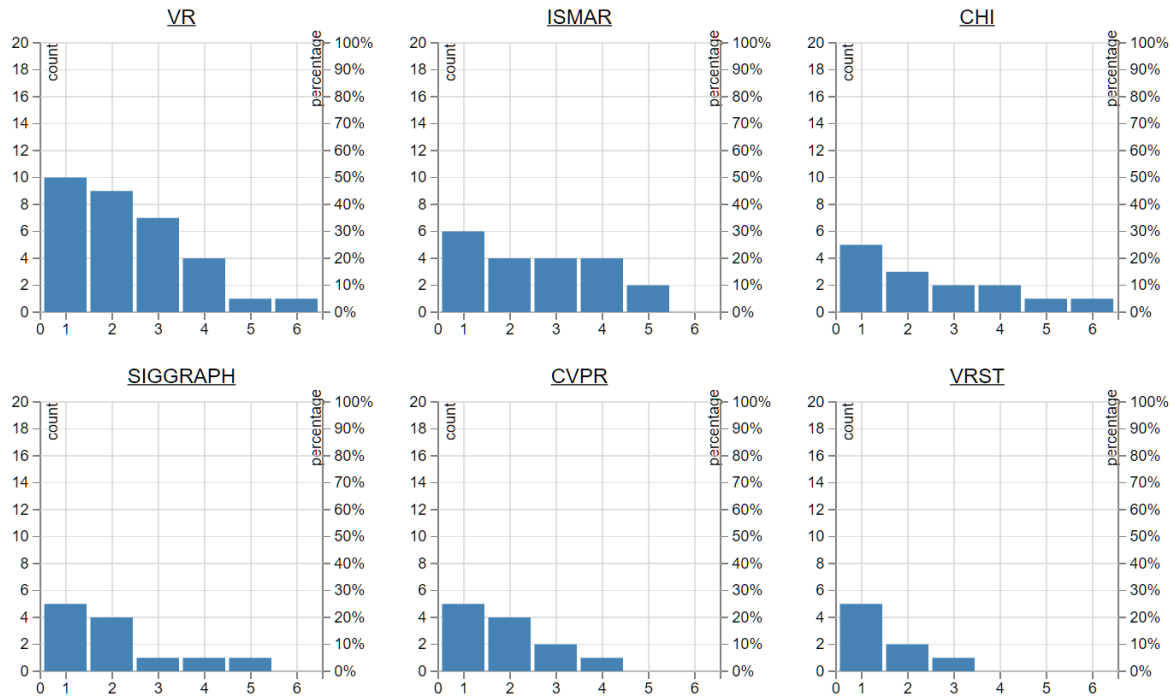
This conference was published at 53 times by 10 of 20 experts in the last 5 years.

The experts that publish at this conference are: Greg Welch(13), Timo Ojala(5), Albert Skip Rizzo(2), Steven M. LaValle(3), Dieter Schmalstieg(4), Steven Feiner(6), Dinesh Manocha(6), Mark Billinghurst(10), Arie E. Kaufman(2), Mel Slater(4)

In 2015, there were 7 publications by 4 experts: Greg Welch, Dieter Schmalstieg, Arie E. Kaufman, Mel Slater
In 2016, there were 5 publications by 3 experts: Dinesh Manocha, Greg Welch, Dieter Schmalstieg
In 2017, there were 6 publications by 5 experts: Greg Welch, Timo Ojala, Steven Feiner, Arie E. Kaufman, Dieter Schmalstieg
In 2018, there were 8 publications by 7 experts: Steven M. LaValle, Greg Welch, Timo Ojala, Steven Feiner, Dinesh Manocha, Mark Billinghurst, Albert Skip Rizzo
In 2019, there were 14 publications by 6 experts: Steven M. LaValle, Greg Welch, Timo Ojala, Steven Feiner, Dinesh Manocha, Mark Billinghurst
In 2020, there were 13 publications by 7 experts: Steven M. LaValle, Greg Welch, Timo Ojala, Steven Feiner, Dinesh Manocha, Mark Billinghurst, Mel Slater

10 out of the 20 experts published at this conference in 1 or more years
9 out of the 20 experts published at this conference in 2 or more years
7 out of the 20 experts published at this conference in 3 or more years
4 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 6 or more years WPP Report:
http://portal.core.edu.au/core/media/conf_rank_report/higherrank1585_top_people_report.txt
Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1585_top_people_graph.png

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.



Other Information

Comparator Comparison

Comparator

ACM Virtual Reality Software and Technology

Explanation as to why conference is superior to comparator:

VR has higher h-index than VRST Committees are more senior researchers in the fields and VR is published by more top researchers

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1585_955.pdf

Comparator

IEEE Workshop on Applications of Computer Vision

Explanation as to why conference is superior to comparator:

Even though WACV has a higher index; senior researchers often published in other venues; WACV is not high on the list of WPP

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1585_956.pdf

Attachments

N/A

Proposers

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Email: ngochuong@gmail.com