



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

Tobias Langlotz

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: other
Link to most recent proceedings:
Further details: As stated before, journal track papers are published in IEEE TVCG (Core ranked A) and conference track papers are published by IEEE as conference proceedings. Both tracks publish full papers (there is a separate poster papers track).

Most Recent Years

Most Recent Year

Year: 2020
URL: <https://ieeivr.org/2020/>
Location: Atlanta (virtual conference because of Covid 19)
Papers submitted: 164
Papers published: 29
Acceptance rate: 18
Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9052630>

General Chairs

<p>Name: Kyle Johnsen Affiliation: University of Georgia, USA Gender: M H Index: 22 GScholar url: https://scholar.google.com/citations?hl=en&user=tUaCR10AAAAJ DBLP url:</p>
<p>Name: Blair MacIntyre Affiliation: Georgia Institute of Technology, USA Gender: M H Index: 42 GScholar url: https://scholar.google.com/citations?hl=en&user=UA3tyKwAAAAJ DBLP url:</p>
<p>Name: J. Edward Swan II, Affiliation: Mississippi State University, USA Gender: M H Index: 33 GScholar url: https://scholar.google.com/citations?hl=en&user=nEk0y0sAAAAJ DBLP url:</p>
<p>Name: Kiyoshi Kiyokawa Affiliation: Nara Institute of Science and Technology, Japan Gender: M H Index: 32 GScholar url: https://scholar.google.com/citations?hl=en&user=Za5kSocAAAAJ DBLP url:</p>

Program Chairs

<p>Name: Maud Marchal Affiliation: Univ. Rennes, INSA/IRISA, France Gender: F H Index: 27 GScholar url: https://scholar.google.com/citations?user=4b8fsoQAAAAJ&hl=en DBLP url:</p>
<p>Name: Joe Gabbard Affiliation: Virginia Tech, USA Gender: M H Index: 29 GScholar url: https://scholar.google.com/citations?hl=en&user=F0EC4ocAAAAJ DBLP url:</p>
<p>Name: Joaquim Jorge Affiliation: Instituto Superior Tecnico, Portugal Gender: M H Index: 45 GScholar url: https://scholar.google.com/citations?hl=en&user=RgiMdpAAAAAJ DBLP url:</p>
<p>Name: Torsten Kuhlen Affiliation: RWTH Aachen University, Germany Gender: M H Index: 31 GScholar url: https://scholar.google.com/citations?hl=en&user=09ywg_UAAAAJ DBLP url:</p>
<p>Name: Anthony Steed Affiliation: University College London, United Kingdom Gender: M H Index: 59 GScholar url: https://scholar.google.com/citations?hl=en&user=mPvFg_8AAAAAJ DBLP url:</p>

Second Most Recent Year

Year: 2019
URL: <https://ieeivr.org/2019/>
Location: Osaka, Japan
Papers submitted: 142
Papers published: 33
Acceptance rate: 23
Source for numbers: <https://ieeexplore.ieee.org/document/8676391>

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?hl=en&user=Za5kSocAAAAJ DBLP url:
Name: Hideyuki Ando Affiliation: Osaka University, Japan Gender: M H Index: GScholar url: https://dblp.org/pid/42/889.html DBLP url:
Name: Betty Mohler Affiliation: Amazon TÄijbingen, Germany Gender: F H Index: 34 GScholar url: https://scholar.google.com/citations?hl=en&user=fjAWIaAAAAAJ DBLP url:
Name: Susumu Tachi Affiliation: The University of Tokyo Gender: M H Index: 55 GScholar url: https://scholar.google.com/citations?hl=en&user=WjrPygoAAAAJ DBLP url:

Program Chairs

Name: Bruce Thomas Affiliation: University of South Australia, Australia Gender: M H Index: 45 GScholar url: https://scholar.google.com/citations?hl=en&user=1qChpEwAAAAJ DBLP url:
Name: Greg Welch Affiliation: University of Central Florida, USA Gender: SELECT H Index: 47 GScholar url: https://scholar.google.com/citations?hl=en&user=9rHaWCYAAAAAJ DBLP url:
Name: Thorsten Kuhlen Affiliation: RWTH Aachen, Germany Gender: M H Index: 31 GScholar url: https://scholar.google.com/citations?hl=en&user=09ywg_UAAAAAJ DBLP url:
Name: Kyle Johnson Affiliation: University of Georgia, USA Gender: M H Index: 22 GScholar url: https://scholar.google.com/citations?hl=en&user=tUaCR10AAAAAJ DBLP url:

Third Most Recent Year

Year: 2018
URL: <http://ieeeverg.org/2018/>
Location: TÄijbingen
Papers submitted: 178
Papers published: 29
Acceptance rate: 16
Source for numbers: <https://ieeexplore.ieee.org/document/8446356>

General Chairs

Name: Betty Mohler Affiliation: Amazon TÄijbingen, Germany Gender: F H Index: 34 GScholar url: https://scholar.google.com/citations?hl=en&user=fjAWIaAAAAAJ DBLP url:
Name: Torsten W. Kuhlen Affiliation: RWTH Aachen, Germany Gender: M H Index: 31 GScholar url: https://scholar.google.com/citations?hl=en&user=09ywg_UAAAAJ DBLP url:
Name: Matthias Bues Affiliation: Fraunhofer IAO Stuttgart, Germany Gender: M H Index: GScholar 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 GScholar url: https://scholar.google.com/citations?hl=en&user=yK8fnhkAAAAJ DBLP url:

Program Chairs

Name: Kiyoshi Kiyokawa Affiliation: Nara Institute of Science and Technology, Japan Gender: M H Index: 32 GScholar url: https://scholar.google.com/citations?hl=en&user=Za5kSocAAAAJ DBLP url:
Name: Frank Steinicke Affiliation: University of Hamburg, Germany Gender: M H Index: 40 GScholar url: https://scholar.google.com/citations?hl=en&user=bmRsMpUAAAAJ DBLP url:
Name: Bruce Thomas Affiliation: University of South Australia in Adelaide, Australia Gender: M H Index: 45 GScholar url: https://scholar.google.com/citations?hl=en&user=1qChpEwAAAAJ DBLP url:
Name: Greg Welch Affiliation: University of Central Florida, USA Gender: SELECT H Index: 47 GScholar url: https://scholar.google.com/citations?hl=en&user=9rHaWCYAAAAJ DBLP url:

Policies

Chair Selection: There are many different chair positions and many of them are proposed by the general chairs for the current year and approved by the steering committee. There are (non public) recommendations to increase diversity and have a good mix between emerging and senior academics. The conference itself is traditionally switching between US, Europe, and Asia (NZ will be first Australasia host in 2022).

Program chairs are traditionally selected by the steering committee (that also votes on this) but also involve future general chairs of the conference.

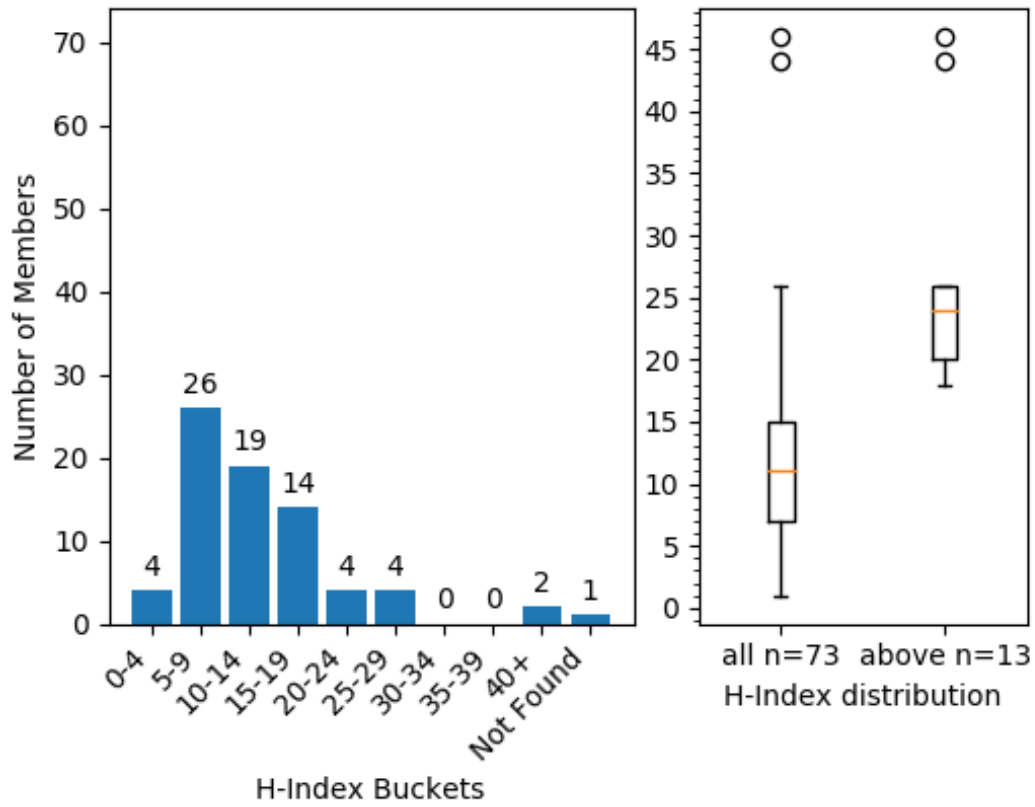
No Policies.

(Senior) Program Committee

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

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

H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1710.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?hl=en&view_op=search_venues&vq=virtual+reality&btnG=

Position in sub-category: 1

Image of top 20: http://portal.core.edu.au/core/media/changes_h5/higherrank1710_gscholar_minh5.png

Publications matching *Virtual Reality*

	Publication	<u>h5-index</u>	<u>h5-median</u>
1.	IEEE Virtual Reality Conference	<u>28</u>	38
2.	Virtual Reality	<u>22</u>	40
3.	ACM Symposium on Virtual Reality Software and Technology	<u>20</u>	29
4.	IEEE International Symposium on Mixed and Augmented Reality	<u>20</u>	28
5.	Augmented and Virtual Reality	<u>18</u>	22
6.	Virtual Reality International Conference	<u>9</u>	15
7.	Symposium on Virtual and Augmented Reality	<u>8</u>	11
8.	Virtual Reality Continuum and its Applications in Industry	<u>8</u>	11
9.	International Conference on Virtual Reality and Visualization	<u>6</u>	7
10.	IEEE International Conference on Artificial Intelligence and Virtual Reality	<u>4</u>	8
11.	International Conference on Virtual Reality and Intelligent Systems	<u>3</u>	6

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: 228

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/higherrank1710_aminer_top_cite.png

- 1

Augmented reality: principles and practice Cited by 346
Dieter Schmalsteig, Tobias Höllerer
(2017)
- 2

The role of interaction in virtual embodiment: Effects of the virtual hand representation Cited by 126
Ferran Argelaguet, Ludovic Hoyet, Michael Trico , Anatole Lécuyer
(2016)
- 3

Extending Touch-less Interaction on Vision Based Wearable Device Cited by 90
Zhihan Lv, Shengzhong Feng, Liangbing Feng, Haibo Li
(2015)
- 4

Comparing the performance of natural, semi-natural, and non-natural locomotion techniques in virtual reality Cited by 70
Mahdi Nabiyouni, Ayshwarya Saktheeswaran , Doug A. Bowman, Ambika Karanth
(2015)
- 5

6-DOF VR videos with a single 360-camera Cited by 68
Jingwei Huang, Zhili Chen, Duygu Ceylan, Hailin Jin
(2017)
- 6

Virtual proxemics: Locomotion in the presence of obstacles in large immersive projection environments Cited by 55
Ferran Argelaguet, Anne-Hélène Olivier, Gerd Bruder, Julien Pettré, Anatole Lécuyer
(2015)
- 7

The impact of a self-avatar on cognitive load in immersive virtual reality Cited by 52
Anthony Steed, Ye Pan, Fiona Zisch , William Steptoe
(2016)
- 8

Avatar anthropomorphism and illusion of body ownership in VR Cited by 51
Jean-Luc Lugrin, Johanna Latt , Marc Erich Latoschik
(2015)
- 9

Evaluation of hands-free HMD-based navigation techniques for immersive data analysis Cited by 50
Daniel Zielasko , Sven Horn , Sebastian Freitag, Benjamin Weyers, Torsten W. Kuhlen
(2016)
- 10

Adaptive 360-degree video streaming using layered video coding Cited by 48
Afshin TaghaviNasrabadi , Anahita Mahzari , Joseph D. Beshay, Ravi Prakash
(2017)

Other Rankings

Not aware of any other Rankings

Conferences in area: IEEE Virtual Reality (IEEE VR) ACM CHI ACM Siggraph ACM UIST IEEE ISMAR ACM VRST ACM Euro VR ACM SUI ICRA ICAT

Top People Publishing Here

name: Henry Fuchs

justification: Federico Gil Distinguished Professor of Computer Science, University of North Carolina

Fellow of the AAAS Fellow of the ACM Member of the NAE ACM SIGGRAPH Achievement Award Steven Anson Coons Award

See: https://en.wikipedia.org/wiki/Henry_Fuchs

H Index: 69 (<https://scholar.google.com/citations?user=guhwcP8AAAAAJ&hl=en>)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	2	3	2	None

Attendance: ALWAYS

name: Steven Feiner

justification: <http://www.cs.columbia.edu/~feiner/>

Member of the CHI Academy. He is the recipient of the ACM SIGCHI 2018 Lifetime Research Award, the IEEE ISMAR 2017 Career Impact Award, the IEEE VGTC 2014 Virtual Reality Career Award, and an ONR Young Investigator Award. Together with his students, he won the IEEE ISMAR 2019 Impact Paper Award, the ISWC 2017 Early Innovator Award, the ACM UIST 2010 Lasting Impact Award, and best paper awards at ACM UIST, ACM CHI, ACM VRST, IEEE ISMAR, and IEEE 3DUI.

H factor: Cited by 47946 (

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	3	2	3	2

Attendance: ALWAYS

name: Anthony Steed

justification: Professor in the Virtual Environments and Computer Graphics group in the Department of Computer Science, University College London.

H-index: 59

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
6	3	4	5	None

Attendance: ALWAYS

name: Mel Slater

justification: Full Professor University of Barcelona

H factor: 94

https://scholar.google.com/citations?hl=en&user=5gGSgcUAAAAJ&view_op=list_works&sortby=pubdate

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	1	1	None

Attendance: OFTEN

name: Mark Billinghurst

justification: Full Professor Auckland University Full Professor University of South Australia

H factor: 76

https://scholar.google.com/citations?hl=en&user=S-J_ItYAAAAJ

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
3	3	3	2	None

Attendance: ALWAYS

name: Dieter Schmalstieg

justification: Full Professor Graz University of Technology, Austria

H Index: 70

2021: Elevation to IEEE Fellow 2020: IEEE ISMAR Career Impact Award 2019: Research Award of the Land Styria 2019: Nomination for best exhibit, ACM SIGGRAPH Emerging Technologies, exhibit: Shading Atlas Streaming Demonstration 2018: Impact paper award, IEEE International Symposium on Mixed and Augmented Reality, paper: Pose tracking from natural features on mobile phones, with: Daniel Wagner, Gerhard Reitmayr, Alessandro Mulloni, Tom Drummond 2018: Best paper award, IEEE Biomedical Engineering International Conference, paper: Pattern Recognition and Mixed Reality for Computer Aided Maxillofacial Surgery and Oncological Assessment, with: Antonio Pepe, Gianpaolo Trotta, Juergen Wallner, Christina Gsaxner, Jan Egger, Vitoantonio Bevilacqua 2017: Nikola Tesla Medal awarded to the most successful inventor by Graz University of Technology 2017: Best short paper award, EuroVis 2016, paper: Dynamic Label Placement for Forensic Volume Visualization, with: Christof Sirk, Denis Kalkofen, Alexander Bornik 2017: Best paper honorable mention, IEEE 3DUI, paper: Adaptive User Perspective Rendering for Handheld Augmented Reality, with: Peter Mohr, Markus Tatzgern, Jens Grubert, Denis Kalkofen 2016: Best paper honorable mention, EuroVis 2016, paper: Pathfinder: Visual Analysis of Paths in Graphs, with: Christian Partl, Samuel Gratzl, Marc Streit, Anne-Mai Wassermann, Hanspeter Pfister, Alexander Lex 2015: Human Technology Interface Research Award of the Province of Styria, paper: StratomeX: Guided Visual Exploration of Genomic Stratifications in Cancer, with: Marc Streit, Alexander Lex, Samuel Gratzl, Christian Partl, Hanspeter Pfister, Peter J. Park, Nils Gehlenborg 2015: Best paper award, IEEE ISMAR, paper: Instant Outdoor Localization and SLAM Initialization from 2.5D Maps, with: Clemens Arth, Christian Pirchheim, Jonathan Ventura, Vincent Lepetit 2014: Best paper honorable mention, EUROGRAPHICS 2014, paper: Parallel Generation of Architecture on the GPU, with: Markus Steinberger, Michael Kenzel, Bernhard Kainz, Joerg Mueller, Peter Wonka 2014: Best paper honorable mention, ACM CHI, paper: Show me the Invisible: Guidance to Hidden Content, with: Thomas Geymayer, Markus Steinberger, Alexander Lex, Marc Streit 2013: Elected as member of the Academia Europaea 2013: Best poster honorable mention, IEEE SciVis, paper: Volume Rendering with Advanced GPU Scheduling Strategies, with: Philip Voglreiter, Markus Steinberger, Rostislav Khlebnikov, Bernhard Kainz 2012: IEEE Virtual Reality Technical Achievement Award in recognition for seminal technical achievement in Augmented Reality 2012: Best paper award, IEEE BioVis, paper: enRoute: Dynamic Path Extraction from Biological Pathway Maps for In-Depth Experimental Data Analysis, with: Christian Partl, Alexander Lex, Denis Kalkofen, Marc Streit, Karl Kashofer 2012: Best paper award (rank 3), EuroVis 2012, paper: StratomeX: Visual Analysis of Large-Scale Heterogeneous Genomics Data for Cancer Subtype Characterization (Alexander Lex, Marc Streit, Hans-Joerg Schulz, Christian Partl, Peter Park, Nils Gehlenborg 2011: Best paper honorable mention, ACM CHI, paper: Importance-Driven Compositing Window Management, with: Manuela Waldner, Markus Steinberger, Raphael Grasset 2011: Best paper award, ACM Symposium on Non-Photorealistic Animation and Rendering, paper: Using Perceptual Features to Accelerate Ray-based Image Generation, with: Bernhard Kainz, Stefan Hauswiesner, Denis Kalkofen 2011: Best paper award, IEEE Information Visualization, paper: Context-Preserving Visual Links, with: Markus Steinberger, Manuela Waldner, Marc Streit, Alexander Lex 2010: Best student paper award, Graphics Interface 2010, paper: Visual Links Across Applications, with: Manuela Waldner, Werner Puff, Mark Streit, Alexander Lex 2009: Dr. Wolfgang Houska Award der Bank-Austria-Privatstiftung for the project Vidente 2008: Best paper award, IEEE International Symposium on Mixed and Augmented Reality, paper: Pose Tracking from Natural Features on Mobile Phones, with: Daniel Wagner, Gerhard Reitmayr, Alessandro Mulloni, Tom Drummond 2007: Rank 7 in the citation ranking of Austrian computer science researchers (over 100 listed) according to a study on computer science and communication research in Austria, conducted on behalf of the Austrian ministry of traffic, innovation and technology. 2007: Elected as member of Junge Kurie department of the Austrian Academy of Science 2007: Best student paper award, IEEE International Symposium on Mixed and

Augmented Reality, paper: Interactive Focus and Context Visualization for Augmented Reality, with: Denis Kalkofen, Erick Mendez 2004: Best paper award (rank 3) of computers & graphics, paper: Real-time View-dependent Image Warping to Correct Non-linear Distortion for Curved Virtual Showcase Displays, with: Oliver Bimber, Bernd Froehlich, L. Miguel Encarnacao 2003: Best paper award nominee of INI-GraphicsNet, paper: The Studierstube Augmented Reality Project, with: Anton Fuhrmann, Gerd Hesina, Zsolt Szalavari, L. Miguel Encarnacao, Michael Gervautz, Werner Purgathofer 2002: START prize awarded by the Austrian Science Fund to significant young researchers 2000: Best paper honorable mention, IEEE Virtual Reality, paper: Priority Round Robin Scheduling for Very Large Virtual Environments 2000: Best paper award (rank 2) of Fraunhofer Haus der Graphischen Datenverarbeitung, paper: Using Transparent Props for Interaction with the Virtual Table, with: Zsolt Szalavari, L. Miguel Encarnacao 1997: Grant from the Austrian Science Fund to publish PhD thesis in the book series on computer graphics and computer vision of the Austrian Computer Society 1996: Best paper award, European Meeting on Cybernetics and Systems Research, paper: Implementing Gibsonian Virtual Environments, with: Michael Gervautz
 Link: <https://arbook.icg.tugraz.at/schmalstiege/cv.html>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	2	3	2	3

Attendance: ALWAYS

name: Tobias Hüllerer

justification: Full Professor University of California Santa Barbara

H Index: 54

Link: <https://scholar.google.com/citations?hl=en&user=0081r2cAAAAJ>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	5	3	4	None

Attendance: ALWAYS

name: Doug A. Bowman

justification: Full Professor Virginia Tech

H Index: 59

Link: <https://scholar.google.com/citations?hl=en&user=KXCqonwAAAAJ>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
5	3	4	3	None

Attendance: ALWAYS

name: Vincent Lepetit

justification: H Index: 67

2019-: Director of Research at École des Ponts, France. 2017-2019: Full Professor (professeur) at University of Bordeaux, France. 2014-2016: Full Professor (University professor) at TU Graz, Austria.

Best Paper Awards at CVPR'05, ISMAR'15, JURSE'17. 3 Google Research Awards, in 2011, 2015, and 2017.

Link: http://imagine.enpc.fr/~lepetitv/pdfs/cv_vincent_lepetit.pdf

Paper counts:

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

Attendance: OFTEN

name: Greg Welch

justification: Pegasus Professor and the AdventHealth Endowed Chair in Simulation at the University of Central Florida (UCF),

His awards include the 2018 IEEE Virtual Reality Technical Achievement Award, a 2017 UCF Luminary Award, a 2017 UCF Research Incentive award, and the 2016 IEEE International Symposium on Mixed and Augmented Reality's Long Lasting Impact Paper Award.

He is presently serving on the World Economic Forum's Global Future Council on Virtual Reality and Augmented Reality, the National Council of Architectural Registration Boards's Futures Task Force, as an Associate Editor for the journals Presence: Teleoperators and Virtual Environments and Frontiers in Virtual Environments, and as an expert consultant/witness on intellectual property matters. He is a Senior Member of the Institute of Electrical and Electronics Engineers

Link: <https://sreal.ucf.edu/people/welch/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
6	2	3	4	None

Attendance: ALWAYS

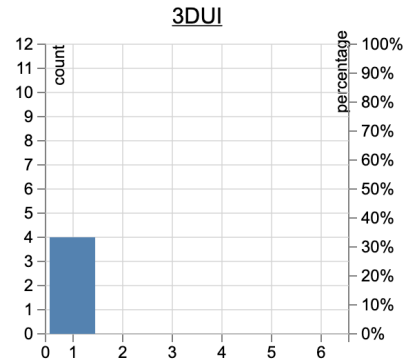
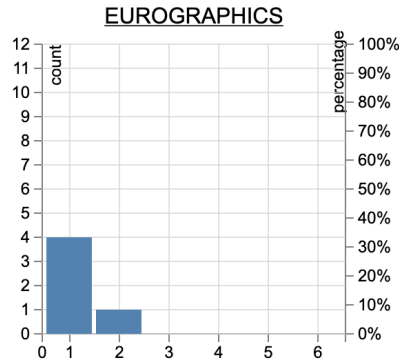
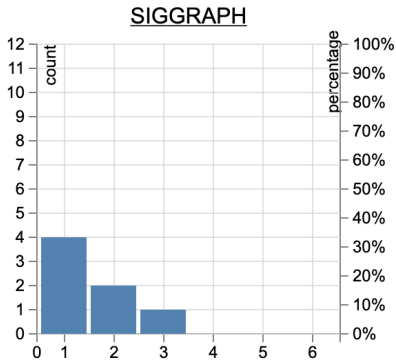
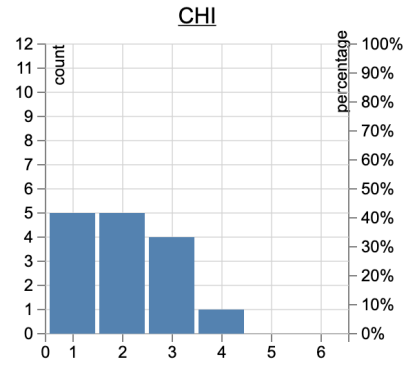
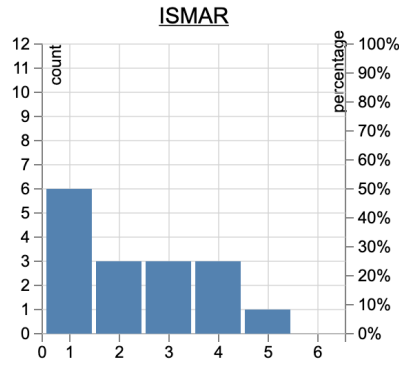
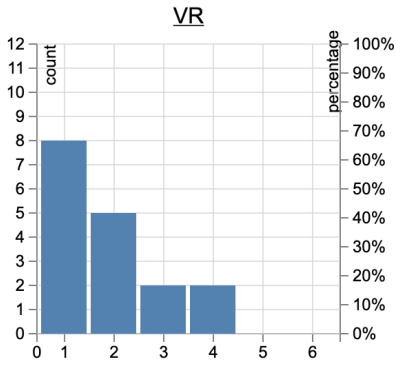
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/higherrank1710_top_spc.csv

WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/higherrank1710_spc_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1710_spc_graph.png



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: Used Google Scholar with keywords Virtual Reality, 3D User Interfaces, and Augmented Reality. Chose people based on their H-index but clean up with people that actually have distorted Google Scholar Profiles (the PhD student no one knows who has an h Index of 90, or the academic who is active in VR but whos Google Scholar profile also shows papers from 3 other colleagues with a similar name).

Keyword: Virtual Reality, Augmented Reality, 3D User interfaces

name	h-index	gscholar url
Dieter Schmalstieg	70	https://scholar.google.com/citations?user=xXu8K6IAAAAJ&hl=en
Henry Fuchs	69	https://scholar.google.com/citations?user=guhwcP8AAAAAJ&hl=en
Shi-Min Hu	57	https://scholar.google.com/citations?hl=en&user=LDb4tb0AAAAAJ
Steven K. Feiner	79	https://scholar.google.com/citations?hl=en&user=PogsVkyAAAAAJ
Mel Slater	91	https://scholar.google.com/citations?hl=en&user=5gGSgcUAAAAAJ
Steve Benford	72	https://scholar.google.com/citations?user=80XCmMgAAAAAJ&hl=en
Mark Billinghurst	76	https://scholar.google.com/citations?hl=en&user=S-J_ItYAAAAAJ
Bruce Thomas	45	https://scholar.google.com/citations?hl=en&user=1qChpEwAAAAAJ
Greg Welch	47	https://scholar.google.com/citations?hl=en&user=9rHaWCYAAAAAJ
Paul Debevec	52	https://scholar.google.com/citations?hl=en&user=rुकYqhAAAAAJ
Albert Skip Rizzo	57	https://scholar.google.com/citations?hl=en&user=cTZ7Bg8AAAAAJ
Ming Lin	87	https://scholar.google.com/citations?hl=en&user=ugFNit4AAAAAJ
Anthony Steed	59	https://scholar.google.com/citations?hl=en&user=mPvFg_8AAAAAJ
Tobias Hüllerer	54	https://scholar.google.com/citations?hl=en&user=0081r2cAAAAAJ
Susumu Tachi	55	https://scholar.google.com/citations?hl=en&user=WjrpYgoAAAAAJ
Eyal Ofek	46	https://scholar.google.com/citations?hl=en&user=UvirJPEAAAAAJ
Anatole Lcuyer	45	https://scholar.google.com/citations?hl=en&user=x5rdD4IAAAAAAJ
Wolfgang Stuerzlinger	46	https://scholar.google.com/citations?hl=en&user=78KBaPsAAAAAJ
Matthew Turk	55	https://scholar.google.com/citations?hl=en&user=KltleWgAAAAAJ
Doug Bowman	57	https://scholar.google.com/citations?hl=en&user=KXCqonwAAAAAJ
Simon Julier	52	

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

This conference was published at 101 times by 15 of 20 experts in the last 5 years.

The experts that publish at this conference are: Tobias Hllerer(15), Wolfgang Stuerzlinger(10), Simon Julier(1), Mark Billinghurst(10), Susumu Tachi(3), Anatole Lcuyer(15), Eyal Ofek(7), Henry Fuchs(2), Matthew A. Turk(1), Anthony Steed(13), Greg Welch(13), Steven K. Feiner(6), Albert Skip Rizzo(2), Dieter Schmalstieg(4), Mel Slater(4)

In 2015, there were 12 publications by 7 experts: Tobias Hllerer, Greg Welch, Susumu Tachi, Wolfgang Stuerzlinger, Mel Slater, Anatole Lcuyer, Dieter Schmalstieg

In 2016, there were 10 publications by 7 experts: Matthew A. Turk, Tobias Hllerer, Greg Welch, Anthony Steed, Henry Fuchs, Anatole Lcuyer, Dieter Schmalstieg

In 2017, there were 13 publications by 8 experts: Susumu Tachi, Tobias Hllerer, Greg Welch, Anthony Steed, Henry Fuchs, Steven K. Feiner, Anatole Lcuyer, Dieter Schmalstieg

In 2018, there were 20 publications by 9 experts: Albert Skip Rizzo, Tobias Hllerer, Greg Welch, Anthony Steed, Mark Billinghurst, Wolfgang Stuerzlinger, Steven K. Feiner, Anatole Lcuyer, Eyal Ofek

In 2019, there were 23 publications by 8 experts: Steven K. Feiner, Wolfgang Stuerzlinger, Anthony Steed, Tobias Hllerer, Greg Welch, Mark Billinghurst, Anatole Lcuyer, Eyal Ofek

In 2020, there were 23 publications by 10 experts: Steven K. Feiner, Greg Welch, Simon Julier, Anatole Lcuyer, Eyal Ofek, Tobias Hllerer, Anthony Steed, Wolfgang Stuerzlinger, Mark Billinghurst, Mel Slater

15 out of the 20 experts published at this conference in 1 or more years

12 out of the 20 experts published at this conference in 2 or more years

9 out of the 20 experts published at this conference in 3 or more years

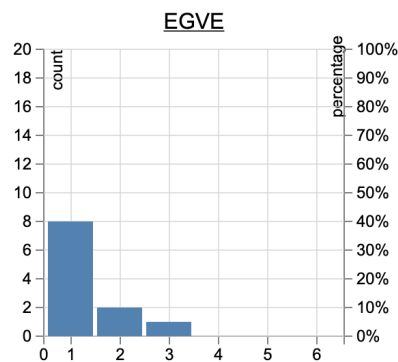
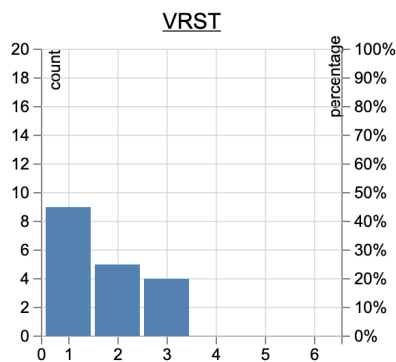
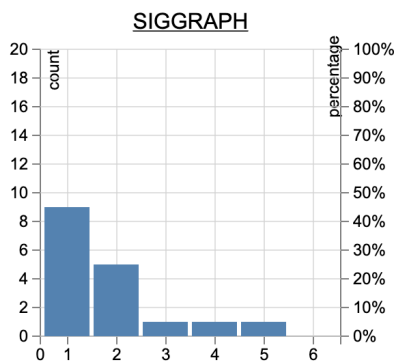
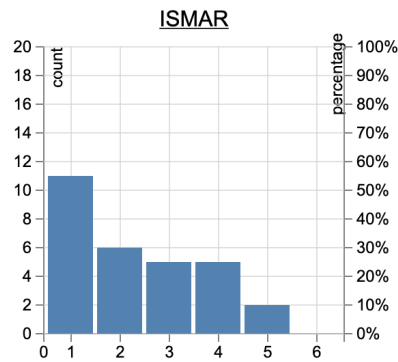
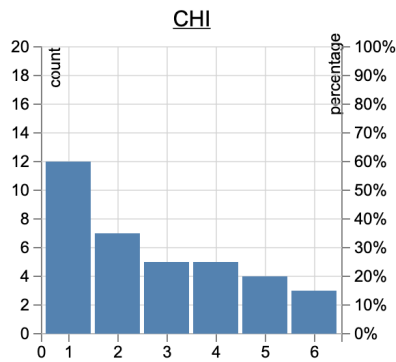
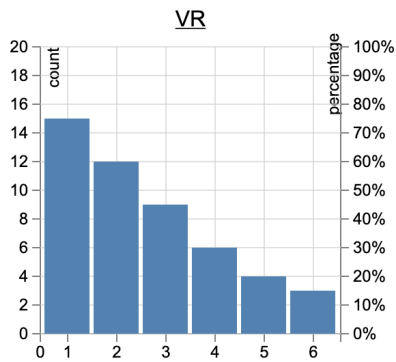
6 out of the 20 experts published at this conference in 4 or more years

4 out of the 20 experts published at this conference in 5 or more years

3 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/higherrank1710_top_people_report.txt

Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/higherrank1710_top_people_graph.png



Other Information

Comparator Comparison

Comparator

ACM Virtual Reality Software and Technology

Explanation as to why conference is superior to comparator:

While VRST is a fine conference (currently ranked Core A) it is far behind IEEE VR in terms of general size, number of submissions, general impact. Again IEEE VR has two high quality full paper tracks attracting each year 600 combined submissions. All the leading figure publish their yearly and attend the conference (1200 attendees in 2019). IEEE VR journal track papers are published in IEEE TVCG one of the two leading graphics journals in the field, IEEE TVCG is currently ranked A but due for correction). H5 is lower than IEEE VR and IEEE VR is clearly the preferred conference for leaders in the field and IEEE VRST is only coming in 4th of 5th position. Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1710_1024.pdf

Comparator

IEEE/ACM International Symposium on Mixed and Augmented Reality

Explanation as to why conference is superior to comparator:

ISMAR (CORE A*) has a similar audience than IEEE VR however is way smaller in terms of submissions numbers and number of attendees. ISMAR is more technical, attracts usually 400-500 attendees (IEEE VR 1200), 120 submissions (IEEE VR ~600 both tracks combined) but have a similar acceptance rates. IEEE VR has a higher H5 score not even considering that 20-25% of the papers of IEEE VR are published in IEEE TVCG with a dedicated Journal track while ISMAR only sends the best papers to IEEE TVCG.

Link to comparator report:

http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1710_1029.pdf

Other Relvant Info

Other relevant information: As mentioned in-between, the data for IEEE VR is not showing the full story. IEEE VR has two separate tracks. The Journal track and the Conference track. Because of this the H5 data from Google Scholar is highly unreliable and does not show the full impact of the conference. Acceptance rates for each track is very competitive (below 25% usually both at or below 22%). IEEE VR is now the premier conference in the field of Virtual Reality and Mixed Reality. IEEE VR 2019 had over 1200 attendees reflecting the massive growth over the last years which is also reflected in the submission numbers (overall more than 600 submission for both tracks combined).

Attachments

N/A

Proposers

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