Submission Data for 2020-2021 CORE conference Ranking process
International Conference on Indoor Positioning and Indoor Navigation

Adriano Moreira

Conference Details

Conference

Title: International Conference on Indoor Positioning and Indoor Navigation
Acronym : IPIN

Requested Rank

Rank: A

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/ipin/index.html

FoR Codes

For1: 4606
For2: 4601
For3: 4699

Recent Years

Proceedings Publishing Style

Proceedings Publishing: series
Link to most recent proceedings: https://ieeexplore.ieee.org/xpl/conhome/1800208/all-proceedings
Further details: Proceedings of IPIN have always been published by IEEE Xplore. The proceedings only include the full papers. Short papers (Work-in-Progress) have been made available through the conference website (some with ISBN) or have been published through Ceur-WS (2019). No satellite workshops have been integrated into the IPIN conferences. In a few editions, authors of the best papers have been invited to extend their work and the results have been published in special issues of journals (e.g. IPIN 2011, 2012, 2019). The IPIN conferences have never been combined, or co-organized, with other conferences. The 2020 edition was cancelled due to the COVID-19 outbreak. However, the associated competition was run (off-line tracks only).

Most Recent Years

Most Recent Year

Year: 2019
URL: http://ipin-conference.org/2019/
Location: Pisa, Italy
Papers submitted: 153
Papers published: 82
Acceptance rate: 54
Source for numbers: http://ipin-conference.org/2019/welcome.html

General Chairs

Name: Francesco Potortì
Affiliation: ISTI-CNR, Italy
Gender: M
H Index: 17
GScholar url: https://scholar.google.com/citations?user=uJhKnFQAAAAJ
DBLP url: https://dblp.org/pid/12/5586.html

Name: Valérie Renaudin
Affiliation: Université Gustave Eiffel, France
Gender: F
H Index: 21
GScholar url: https://scholar.google.com/citations?user=MPzKaFcAAAAJ
DBLP url: https://dblp.org/pid/120/5046.html

Program Chairs

Name: Paolo Barsocchi
Affiliation: ISTI-CNR, Italy
Gender: M
H Index: 25
GScholar url: https://scholar.google.com/citations?user=3oaaXWUAAAAJ
DBLP url: https://dblp.org/pid/75/2019

Name: Masanori Sugimoto
Affiliation: Hokkaido University, Japan
Gender: M
H Index: 24
GScholar url: https://scholar.google.com/citations?hl=ja&user=EH7CrkAAAAAJ
DBLP url: https://dblp.org/pid/39/3774.html

Second Most Recent Year

Year: 2018
URL: https://ipin2018.ifsttar.fr
Location: Nice, France
Papers submitted: 173
Papers published: 97
Acceptance rate: 56
Source for numbers: https://ieeexplore.ieee.org/xpl/conhome/8514819/proceeding

General Chairs

Name: Valérie Renaudin
Affiliation: Université Gustave Eiffel, France
Gender: F
H Index: 21
GScholar url: https://scholar.google.com/citations?user=MPzKaFcAAAAJ
DBLP url: https://dblp.org/pid/120/5046

Name: Masanori Sugimoto
Affiliation: Hokkaido University, Japan
Gender: M
H Index: 24
GScholar url: https://scholar.google.com/citations?hl=ja&user=EH7CrkAAAAAJ
DBLP url: https://dblp.org/pid/39/3774

Program Chairs

Name: Elizabeth Colin
Affiliation: EFREI Paris, France
Gender: F
H Index: 6
GScholar url: https://scholar.google.com/citations?hl=fr&user=BrDcKpMAAAAJ
DBLP url: https://dblp.org/pid/17/4479

Name: Miguel Ortiz
Affiliation: Université Gustave Eiffel, France
Gender: M
H Index: 0
GScholar url: https://dblp.org/pid/132/7391
DBLP url: https://dblp.org/pid/132/7391

Third Most Recent Year

Year: 2017
URL: http://www.ipin2017.org
Location: Sapporo, Japan
Papers submitted: 156
Papers published: 107
Acceptance rate: 69
Source for numbers: http://www.ipin2017.org/documents/stats.pdf

General Chairs

Name: Hideo Makino
Affiliation: former Niigata University, Japan (retired)
Gender: M
H Index: 14
GScholar url: https://scholar.google.com/citations?user=w53uyJUAAAAJ
DBLP url: https://dblp.org/pid/45/7027
Name: JesÃžs UreÃśa
Affiliation: University of AlcalÃą, Spain
Gender: M
H Index: 29
GScholar url: https://scholar.google.com/citations?user=IjavQswAAAAJ
DBLP url: https://dblp.org/pid/99/388

Program Chairs

Name: Takeshi Kurata
Affiliation: National Institute of Advanced Industrial Science and Technology (AIST), Japan
Gender: M
H Index: 24
GScholar url: https://scholar.google.com/citations?user=B_UBk6wAAAAJ
DBLP url: https://dblp.org/pid/01/6679

Policies

Chair Selection: The host of each edition of the IPIN conference is selected, through voting by the Program Committee members, among those institutions that apply for that role. This is done, usually, two years in advance. The candidate institutions submit an application where they show evidence of having relevant work in the area, propose a venue and a date, and also propose the conference chair (usually the chair of a research group at that institution working in the area). After selection, a co-chair is suggested by the Steering Committee, usually the chair of the previous edition. This way, the experience from one year is transferred to the following year.
Policy name: Accordance with IEEE policies
Policy url: https://conferences.ieeeauthorcenter.ieee.org/author-ethics/guidelines-and-policies/

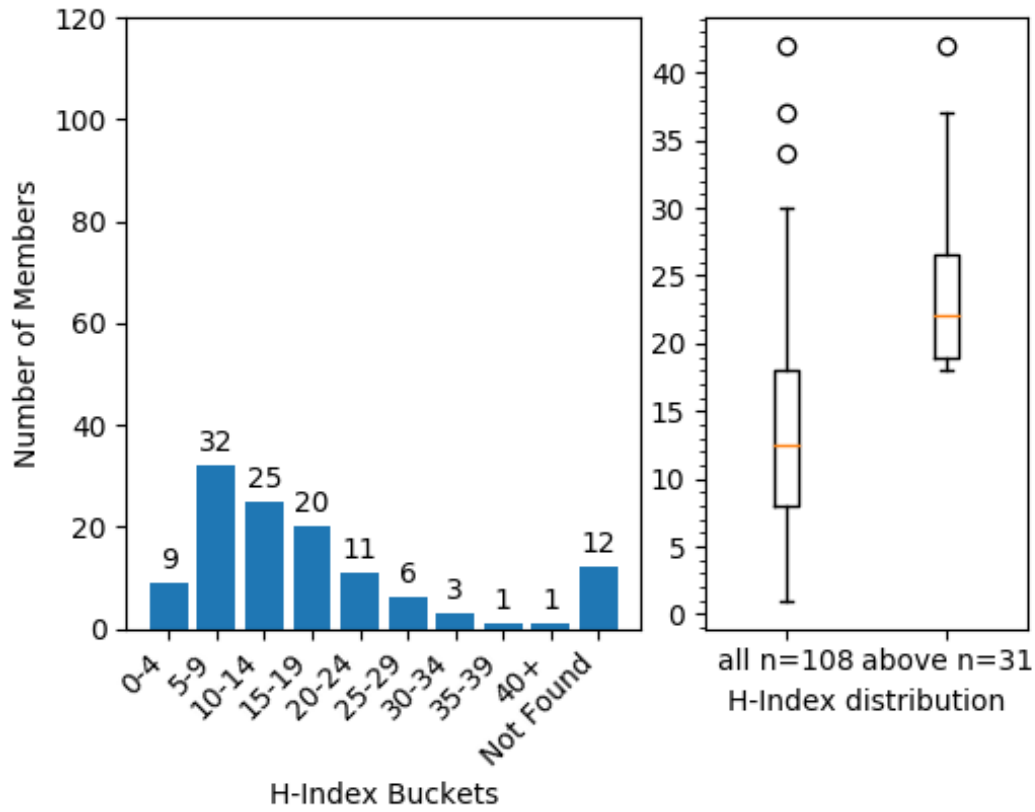**(Senior) Program Committee**

Link to (s)pc: http://ipin-conference.org/2019/tpc.html
File: http://portal.core.edu.au/core/media/conf_submissions_spc_file/PClist5.txt
H-index plot: http://portal.core.edu.au/core/media/conf_submissions_hindex_plots/hindex_buckets_1458.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_radarpositioningnavigation`
Position in sub-category: 6
Image of top 20: `http://portal.core.edu.au/core/media/changes_h5/addrank1458_gscholar_minh5.png`

h5-index for this conference: 25

ACM Metrics

Not Sponsored by ACM

Aminer Rank

Not Listed in Aminer

Other Rankings

URL: https://www.guide2research.com/conference/
ipin-2021-international-conference-on-indoor-positioning-and-indoor-navigation
Description: This is a new, global, ranking for conferences. IPIN is listed with h-5 index of 25 and ranking Signal Processing: 96 ;
Networks and Communications: 132
Rank: 96
Conferences in area: - International Conference on Indoor Positioning and Indoor Navigation (IPIN) - IEEE/ION Position, Location and
Navigation Symposium - International Conference on Localization and GNSS - International Ubiquitous Positioning, Indoor Navigation
and Location-Based Services - International Conference on Ubiquitous Computing - IEEE International Conference on Sensor Networks,
Ubiquitous, and Trustworthy Computing - International Conference on Mobile computing and Networking

Top People Publishing Here

name: Chris Rizos
justification: https://scholar.google.com/citations?user=5Ts-4RwAAAAJ University of New South Wales, Australia; Conference
Co-Chair of IPI 2012; 12 papers published in the 10 editions; h-index of 61
Paper counts:

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

5

Attendance: OCCASIONALLY
name: Gerard Lachapelle
justification: `https://scholar.google.com/citations?user=knVlPoUAAAAJ` University of Calgary, Canada; Local Organizing Committee of IPIN 2015; 11 papers published in the 10 editions; h-index of 59
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	0	6

Attendance: OCCASIONALLY
name: Luc Martens
justification: `https://scholar.google.com/citations?user=G4AM6zEAAAAJ` Ghent University, Belgium; 6 papers in the last two editions; h-index of 52
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
2	4	0	0	0

Attendance: OCCASIONALLY
name: Liu Wenyin
justification: `https://scholar.google.com/citations?user=XKFJHycAAAAJ` Guangdong University of Technology, City University of Hong Kong, Microsoft Research China, Hong Kong/China; Academic and industry; h-index of 51
Paper counts:

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

Attendance: OCCASIONALLY
name: Wout Joseph
justification: `https://scholar.google.com/citations?user=DKausfOdKEEC` Ghent University, Belgium; 7 papers in the last two editions; h-index of 47
Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
4	3	0	0	0

Attendance: OCCASIONALLY
name: Eckehard Steinbach
justification: `https://scholar.google.com/citations?user=TB6o7YsAAAAJ` Technical University of Munich, Germany; 5 papers in the 10 editions; h-index of 46
Paper counts:

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

Attendance: OCCASIONALLY
name: Peter Hãdħdel
justification: `https://scholar.google.com/citations?user=Nh-p0_EAAAAJ` Royal Institute of Technology KTH, Sweeden; 12 papers in the 10 editions; h-index of 43
Paper counts:

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

Attendance: OCCASIONALLY
name: Patrick Robertson
justification: `https://scholar.google.com/citations?user=Qg1EEnoAAAAJ` Google Inc., USA; From industry; 9 papers in the 10 editions; h-index of 41
Paper counts:

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

Attendance: OCCASIONALLY
name: Antonio Ramon Jimenez Ruiz
justification: `https://scholar.google.com/citations?user=OItrJKkAAAAJ` Centre for Automation and Robotics, Spain; 10 papers in the last 5 editions; h-index of 38
Paper counts:

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

Attendance: OFTEN
name: Tughrul Arslan
justification: `https://scholar.google.com/citations?user=Ug9KlLYAAAAJ` University of Edinburgh, UK; 6 papers in 10 editions; h-index of 36 (there are 15+ other authors with higher h-index)
Paper counts:

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

Attendance: OCCASIONALLY
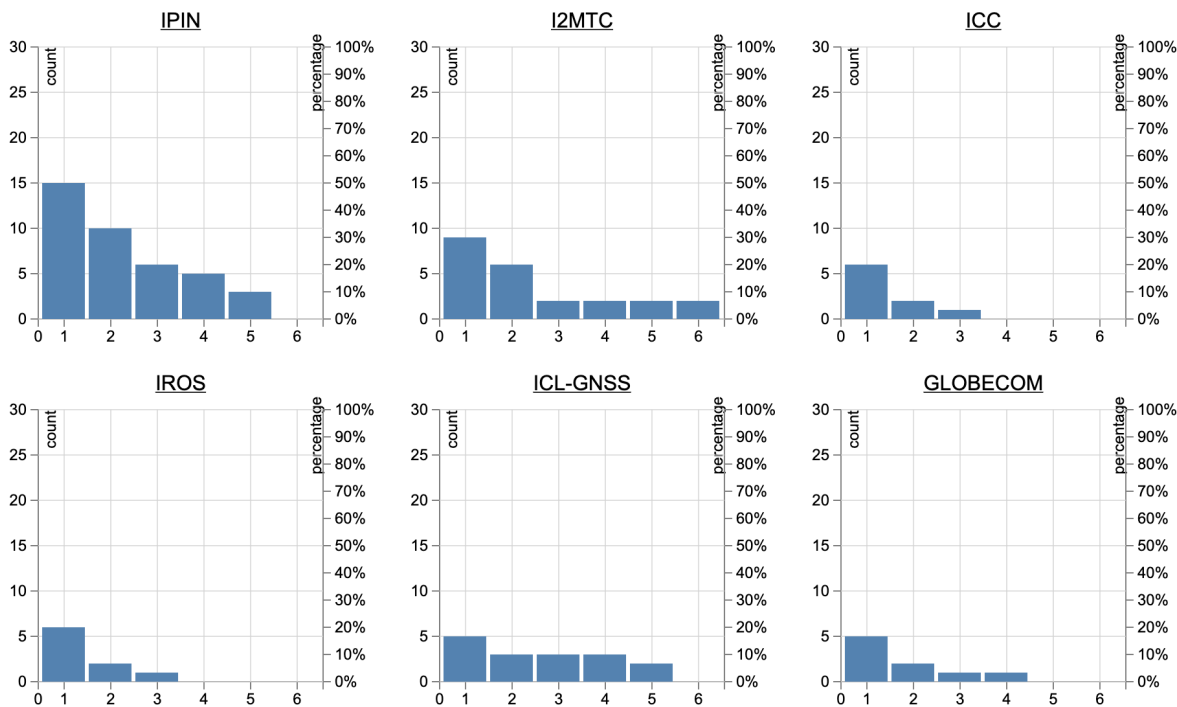
Where People Publish

Top (Senior) Program Committee Members

Generated Report Name: conf_submissions_top_spc/addrank1458_top_spc.csv
WPP Report: `http://portal.core.edu.au/core/media/conf_rank_report/addrank1458_spc_report.txt`
Graphs: `http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1458_spc_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.


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Reference item: \\ 1. International Conference on Indoor Positioning and Indoor Navigation (IPIN)
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This conference was published at 54 times by 15 of 30 experts in the last 5 years.

The experts that publish at this conference are: Herbert Peremans(2), Chris J. Bleakley(1), Juan Jess Garca(3),
Daniele Fontanelli(5), Isaac Skog(1), Ana Jimnez(1), Paolo Barsocchi(8), Joaqun Torres-Sospedra(15), Antonio Ramn
Jimnez Ruiz(11), Fernando J. lvarez-Franco(3), David Macii(5), Neal Patwari(1), Robert Pich(3), lvaro Hernndez(3),
Elena Simona Lohan(2)

In 2015, there were 9 publications by 7 experts: Joaqun Torres-Sospedra, Juan Jess Garca, Antonio Ramn Jimnez
Ruiz, Fernando J. lvarez-Franco, Herbert Peremans, Robert Pich, Paolo Barsocchi
In 2016, there were 10 publications by 7 experts: Herbert Peremans, Antonio Ramn Jimnez Ruiz, Fernando J.
lvarez-Franco, David Macii, Joaqun Torres-Sospedra, Daniele Fontanelli, Paolo Barsocchi
In 2017, there were 10 publications by 7 experts: Isaac Skog, Antonio Ramn Jimnez Ruiz, Daniele Fontanelli, David
Macii, Joaqun Torres-Sospedra, Robert Pich, Paolo Barsocchi
In 2018, there were 12 publications by 9 experts: Daniele Fontanelli, Antonio Ramn Jimnez Ruiz, David Macii,
Joaqun Torres-Sospedra, Chris J. Bleakley, Elena Simona Lohan, Paolo Barsocchi, Neal Patwari, Robert Pich
In 2019, there were 13 publications by 9 experts: Joaqun Torres-Sospedra, Juan Jess Garca, Antonio Ramn Jimnez
Ruiz, Daniele Fontanelli, Paolo Barsocchi, Elena Simona Lohan, lvaro Hernndez, Ana Jimnez, David Macii

15 out of the 30 experts published at this conference in 1 or more years
10 out of the 30 experts published at this conference in 2 or more years
6 out of the 30 experts published at this conference in 3 or more years
5 out of the 30 experts published at this conference in 4 or more years
3 out of the 30 experts published at this conference in 5 or more years
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Top People Report

Method of selection: Selection was based on a search on Google Scholar using the query "allintitle: indoor OR position OR positioning OR localization OR localisation". The results were sorted by relevance. A considerable number of the papers in the results are dated before 2010 (year of the first edition of IPIN). The 20 names where found within the list of authors of the papers listed in the first 8 pages of the result (skipping the papers not related to the area of IPIN); the first 20 names with h-index ¿=45 were selected.

Keyword: allintitle: indoor OR position OR positioning OR localization OR localisation

name	h-index	gscholar url
Kin K. Leung	63	https://scholar.google.com/citations?user=IpG80kwAAAAJ
Hui Liu	96	https://scholar.google.com/citations?user=y4TFx9UAAAAJ
Anthony LaMarca	55	https://scholar.google.com/citations?user=OtREFPYAAAAJ
Chris Rizos	62	https://scholar.google.com/citations?user=5Ts-4RwAAAAJ
Chau Yuen	62	https://scholar.google.com/citations?user=7VLbLUMAAAAJ
Venkata N. Padmanabhan	67	https://scholar.google.com/citations?user=ae1ve-EAAAAJ
Jie Liu	65	https://scholar.google.com/citations?user=AJKK2ikAAAAJ
David Madigan	61	https://scholar.google.com/citations?user=XDajlywAAAAJ
Moustafa Youssef	54	https://scholar.google.com/citations?user=r6DUyxsAAAAJ
Romit Roy Choudhury	55	https://scholar.google.com/citations?user=dq2wG-AAAAAJ
Zheng Yang	47	https://scholar.google.com/citations?user=ExRe-64AAAAJ
Yunhao Liu	81	https://scholar.google.com/citations?user=hon00PIAAAAJ
Lionel Ni	80	https://scholar.google.com/citations?user=OzMYwDIAAAAJ
Daniel Huber	46	https://scholar.google.com/citations?user=zlQnPukAAAAJ
Takeo Kanade	165	https://scholar.google.com/citations?user=LQ87h3sAAAAJ
Wolfram Burgard	112	https://scholar.google.com/citations?user=zj6FavAAAAAJ
Dieter Fox	112	https://scholar.google.com/citations?user=DqXsbPAAAAAJ
Kurt Konolige	77	https://scholar.google.com/citations?user=hczHVxEAAAAJ
Haiyun Luo	46	https://scholar.google.com/citations?user=SQ6a30sAAAAJ
Samir R. Das	60	https://scholar.google.com/citations?user=frOtmtAAAAAJ

```
Reference item: \\ 44. International Conference on Indoor Positioning and Indoor Navigation (IPIN)
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This conference was published at 2 times by 2 of 19 experts in the last 5 years.

The experts that publish at this conference are: Moustafa Youssef(1), Chris Rizos(1)

In 2015, there were 1 publications by 1 experts: Moustafa Youssef
In 2019, there were 1 publications by 1 experts: Chris Rizos

2 out of the 19 experts published at this conference in 1 or more years
  WPP Report: http://portal.core.edu.au/core/media/conf_rank_report/addrank1458_top_people_report.txt
Graphs: http://portal.core.edu.au/core/media/conf_rank_graphs/addrank1458_top_people_graph.png
```
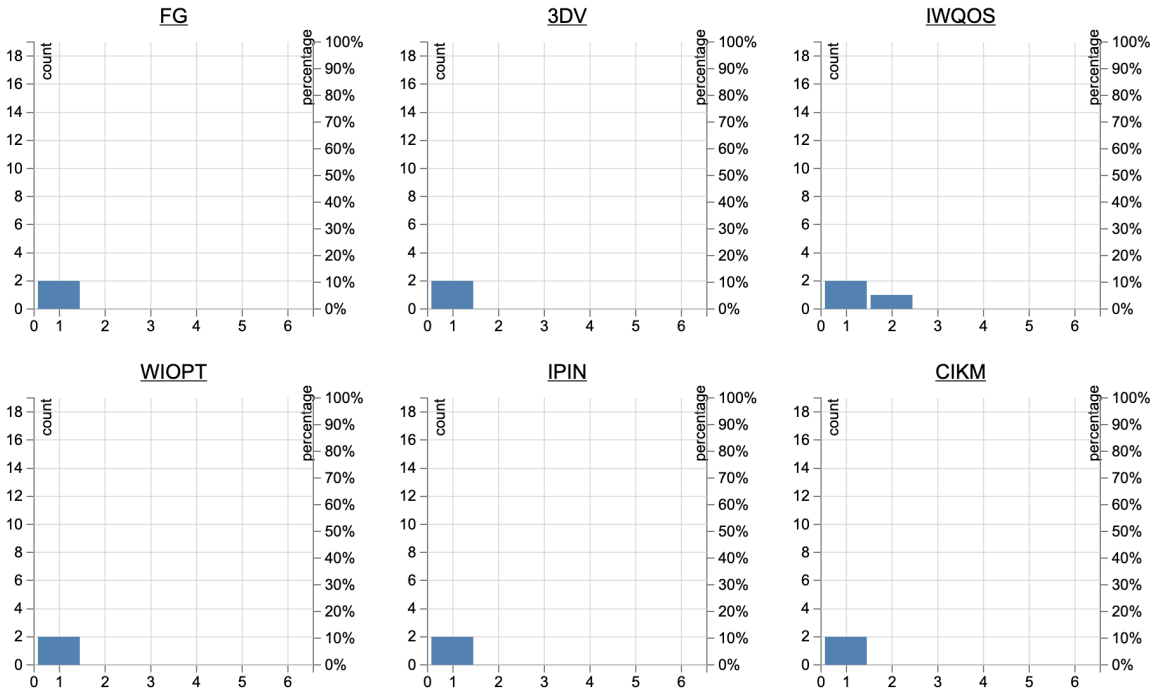

Other Information

Comparator Comparison

Comparator

International Conference on Mobile and Ubiquitous Systems: Networks and Services

Explanation as to why conference is superior to comparator:
First of all, it might not be completely fair to compare IPIN with Mobiquitous since IPIN is on a different category; none of the conferences that are similar to IPIN (e.g. UPINLBS, ICL-GNSS, IEEE/ION Position, Location and Navigation Symposium) are ranked in CORE. Anyway, Mobiquitous also includes "Localization and Tracking" and "Positioning and tracking in mobile networks" as topics in its Call For Papers. We consider IPIN superior since the h5-index of IPIN is 25, while the h5-index of Mobiquitous is just 13. Mobiquitous is also not listed in the venues where top people in the area of IPIN publish their work. Moreover, Mobiquitous is not in the Top 20 of any Category in Google Scholar, while IPIN ranks 6 in its category. Note: The provided numbers for the submitted and accepted papers are as stated in ACM Digital Library, and are not available for all years.
Link to comparator report:
`http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1458_988.pdf`

Comparator

International Conference on Embedded Wireless Systems and Networks (wasEuropean Conference on Wireless Sensor Networks)

Explanation as to why conference is superior to comparator:
First of all, it might not be completely fair to compare IPIN with EWSN since IPIN is on a different category; none of the conferences that are similar to IPIN (e.g. UPINLBS, ICL-GNSS, IEEE/ION Position, Location and Navigation Symposium) are ranked in CORE. Anyway, EWSN also includes "Sensing, actuation, and control" as topics in its Call For Papers, and we can find many papers on indoor positioninig in EWSN conferences. We consider IPIN superior since the h5-index of IPIN is 25, while the h5-index of EWSN is just 20. EWSN is also listed in position 97 in venues where top people in the area of IPIN publish their work, while IPIN is listed in position 44. Moreover, EWSN is not in the Top 20 of any Category in Google Scholar, while IPIN ranks 6 in its category. Note: The provided numbers for the submitted and accepted papers are as stated in ACM Digital Library, and are not available for all years.
Link to comparator report:
`http://portal.core.edu.au/core/media/conference_submission_2020/Data_Comparator_for_1458_995.pdf`

Other Relvant Info

Other relevant information: IPIN started as a new international conference in 2010, with its first edition organized by ETHZ, Zurich, Switzerland. Since then IPIN visited Portugal, Australia, France, Korea, Canada, Spain, Japan and Italy. IPIN does not include workshops. IPIN organizes a competition on indoor positioning and tracking (see `http://evaal.aaloa.org/2020/results`) attracting a growing number of competitors from both the academia and industry. IPIN joins, annually, 250 participants on average, from all over the world. All the full papers have been published by IEEE Xplore and all have been indexed by Scopus and WebOfKnowledge. All full papers are reviewed by, at least, two members of the Technical Program Committee. Candidates for the Best Paper Award are additionally reviewed by the members of the Steering Committee. IPIN is also starting to promote an ad-hoc group for promoting standards in its area (see `http://ipin-conference.org/isc/`) This proposal is submitted by the IPIN Steering Committee (see `http://ipin-conference.org/steeringCommittee.html`).

Attachments

N/A

Proposers

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Submitted By

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