



Submission Data for 2017 CORE conference Re-ranking process
ACM International Conference on Advances in Geographic Information Systems

Submitted by: Egemen Tanin etanin@unimelb.edu.au

Supported by: Egemen Tanin

Conference Details

Conference

Title: ACM International Conference on Advances in Geographic Information Systems

Acronym : SIGSPATIAL

Rank: B

Requested Rank

Requested Rank: A

Recent Years

Most Recent Year

Year: 2016

URL: <http://sigspatial2016.sigspatial.org/>

Papers submitted: 216

Papers published: 40

Acceptance rate: 19

Source for acceptance rate: http://www.sigspatial.org/sigspatial-special-issues/sigspatial-special-volume-9-number-1-march-2017/09-Report01_SIGSPATIAL16.pdf

Program Chairs

Name: Matthias Renz

Affiliation: George Mason University

H index: 22

Google Scholar URL: <https://scholar.google.com/citations?user=47gh3JkAAAAJ>

DBLP URL:

Name: Goce Trajcevski

Affiliation: Iowa State

H index: 24

Google Scholar URL: <https://scholar.google.com/citations?user=Avus2kcAAAAJ>

DBLP URL:

General Chairs

Name: Mohame Ali

Affiliation: University of Washington

H index: 20

Google Scholar URL: <https://scholar.google.com/citations?user=umJqw6AAAAAJ&hl=en>

DBLP URL:

Second Most Recent Year

Year: 2015

URL: <http://sigspatial2015.sigspatial.org/>

Papers submitted: 212

Papers published: 38

Acceptance rate: 18

Source for acceptance rate: http://www.sigspatial.org/sigspatial-special-issues/sigspatial-special-volume-8-number-1-march-2016/E1-Report_Conference.pdf

Program Chairs

Name: Michael Gertz

Affiliation: University of Heidelberg

H index: 35

Google Scholar URL: <https://scholar.google.de/citations?user=F4eflRgAAAAJ&hl=en>

DBLP URL:

General Chairs

Name: Yan Huang

Affiliation: University of North Texas

H index: 24

Google Scholar URL: <https://scholar.google.com/citations?user=dRc-rTAAAAAJ&hl=en>

DBLP URL:

Third Most Recent Year

Year: 2014

URL: <http://sigspatial2014.sigspatial.org/>

Papers submitted: 216

Papers published: 39

Acceptance rate: 18

Source for acceptance rate: http://www.sigspatial.org/sigspatial-special-issues/Final_November2014.pdf

Program Chairs

Name: John Krumm

Affiliation: Microsoft Research

H index: 46

Google Scholar URL:

DBLP URL: <http://dblp.org/pers/hd/k/Krumm:John>

General Chairs

Name: Markus Schneider

Affiliation: University of Florida

H index: 32

Google Scholar URL:

DBLP URL: http://dblp.uni-trier.de/pers/hd/s/Schneider_0001:Markus

External Ranks

Google Scholar Rank

Sub-category URL:

https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_databasesinformationsystems

Position in sub-category: 20+

h5-index of 20th item in subcategory: 32

h5-index of this conference: None

Next conference above portal link: None

h5-index of above conference: None

Next conference below portal link: None

h5-index of below conference: None

LiveSHINE rank

Conference not Listed

Microsoft Academic rank

Class: A-
 FiledRating: 54
 RankFieldRating: 232
 ClassFieldRating: A-
 Avg citations: 13
 RankAvgCitations: 278
 ClassAvgCitations: B
 Publications: 1245
 Citations: 16351

Where others publish

General Report

File: http://portal.core.edu.au/core/media/conf_rank_report/report.txt

List of people with h-indices:

No.	Name	h index	url
1	Hanan Samet	76	https://scholar.google.com.au/citations?user=ATOfqHEAAAAJ&hl=en
2	Walid G. Aref	55	https://scholar.google.com.au/citations?user=vX45evgAAAAJ&hl=en
3	Amr El Abbadi	68	https://scholar.google.com.au/citations?user=tNmIw4MAAAAJ&hl=en
4	Mohamed F. Mokbel	47	https://scholar.google.com.au/citations?user=GHZ1ZVIAAAAJ&hl=en
5	Christian Jensen	77	https://scholar.google.com.au/citations?user=wo20cPYAAAAJ&hl=en
6	Max J. Egenhofer	71	https://scholar.google.com.au/citations?user=vIIBTUAAAAAJ&hl=en
7	Andrew U. Frank	52	https://scholar.google.com.au/citations?user=cyv1V9kAAAAJ&hl=en
8	Nikos Mamoulis	48	https://scholar.google.com.au/citations?user=jOvUdjYAAAAJ&hl=en
9	Ouri Wolfson	50	https://scholar.google.com.au/citations?user=zGSP_osAAAAJ&hl=en
10	Dimistris Papadias	65	https://scholar.google.com.au/citations?user=7BPMWSkAAAAJ&hl=en
11	Divyakant Agrawal	74	https://scholar.google.com.au/citations?user=XcaEg-cAAAAJ&hl=en
12	Shashi Shekhar	56	https://scholar.google.com.au/citations?user=p26NfLgAAAAJ&hl=en
13	Elisa Bertino	90	https://scholar.google.com.au/citations?user=EfuT9RoAAAAJ&hl=en
14	Xuemin Lin	46	https://scholar.google.com.au/citations?user=j6rglkYAAAAJ&hl=en
15	Yufei Tao	61	https://scholar.google.com.au/citations?user=3FmJBHkAAAAJ&hl=en
16	Hans-Peter Kriegel	86	https://scholar.google.com.au/citations?user=DBf9LC4AAAAJ&hl=en
17	Beng Chin Ooi	71	https://scholar.google.com.au/citations?user=9560QjYAAAAJ&hl=en
18	Timos K. Sellis	54	https://scholar.google.com.au/citations?user=G1Iux80AAAAJ&hl=en
19	Roberto Tamassia	70	https://scholar.google.com.au/citations?user=eEYPTKUAAAAJ&hl=en
20	Cyrus Shahabi	53	https://scholar.google.com.au/citations?user=jEdhxGMAAAAJ&hl=en

Keyword: There is no one keyword for this interdisciplinary conference so I used: Spatial Data, GIS, etc

Reference Item:

2. ACM SIGSPATIAL / GIS

This conference was published at 150 times by 14 of 20 experts in the last 10 years.

The experts that publish at this conference are: Mohamed F. Mokbel(15), Max J. Egenhofer(3), Roberto Tamassia(4), Nikos Mamoulis(2), Hans-Peter Kriegel(11), Ouri Wolfson(16), Hanan Samet(33), Elisa Bertino(16), Shashi Shekhar(17), Andrew U. Frank(2), Timos K. Sellis(3), Walid G. Aref(7), Cyrus Shahabi(23), Amr El Abbadi(1)

In 2005, there were 3 publications by 2 experts: Shashi Shekhar, Hanan Samet

In 2006, there were 4 publications by 3 experts: Shashi Shekhar, Mohamed F. Mokbel, Hanan Samet

In 2007, there were 9 publications by 8 experts: Shashi Shekhar, Timos K. Sellis, Walid G. Aref, Roberto Tamassia, Cyrus Shahabi, Hans-Peter Kriegel, Ouri Wolfson, Hanan Samet

In 2008, there were 13 publications by 8 experts: Shashi Shekhar, Timos K. Sellis, Amr El Abbadi, Andrew U. Frank, Hans-Peter Kriegel, Ouri Wolfson, Hanan Samet, Elisa Bertino

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In 2011, there were 17 publications by 7 experts: Shashi Shekhar, Cyrus Shahabi, Hans-Peter Kriegel, Nikos Mamoulis, Ouri Wolfson, Hanan Samet, Elisa Bertino

In 2012, there were 16 publications by 5 experts: Shashi Shekhar, Mohamed F. Mokbel, Cyrus Shahabi, Ouri Wolfson, Hanan Samet

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14 out of the 20 experts published at this conference in 1 or more years
 13 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
 8 out of the 20 experts published at this conference in 4 or more years
 7 out of the 20 experts published at this conference in 5 or more years
 6 out of the 20 experts published at this conference in 6 or more years
 5 out of the 20 experts published at this conference in 7 or more years
 4 out of the 20 experts published at this conference in 8 or more years
 3 out of the 20 experts published at this conference in 9 or more years
 2 out of the 20 experts published at this conference in 10 or more years
 1 out of the 20 experts published at this conference in 11 or more years

Specialised Report

File: http://portal.core.edu.au/core/media/conf_rank_report/report2.txt
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13	Elisa Bertino	90	https://scholar.google.com.au/citations?user=EfuT9RoAAAAJ&hl=en
14	Xuemin Lin	46	https://scholar.google.com.au/citations?user=j6rglkYAAAAJ&hl=en
15	Yufei Tao	61	https://scholar.google.com.au/citations?user=3FmJBHkAAAAJ&hl=en
16	Hans-Peter Kriegel	86	https://scholar.google.com.au/citations?user=Dbf9LC4AAAAJ&hl=en
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Keyword: Same as general report
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Comparator Conferences

ACM International Conference on Information and Knowledge Management
International Symposium on Spatial Databases

Other Information

Proposers

First name: Egemen
Last name: Tanin
Affiliation: University of Melbourne
Email: etanin@unimelb.edu.au

Attachments

N/A

Summary Argument:

SIGSPATIAL is a new SIG that has emerged under the umbrella of ACM in the last decade. It was initially ranked as B as there was not enough data at the time it was first proposed for ranking. Now, we believe it has enough data to claim the rank of A. We use SSTD as a comparator conference. The closest conference in terms of area to SIGSPATIAL with rank A is SSTD. But unfortunately we do not have another close candidate. See comments in "Additional Notes".

Additional Notes

We note that there are not many conferences that are in the area of SIGSPATIAL (such as spatial data bases, temporal data management, GIS, etc). Nevertheless, we also provided the data for a large, well-established conference with rank A with this submission: CIKM, in the general area of data management where traditionally many spatial database researchers publish. A key reason for this is that ACM CIKM has a large overlap with the author base presented here and housed many of the lead authors and events under its umbrella before the conception of SIGSPATIAL. Most notably ACM GIS was a symposium under CIKM a decade ago which is one of the key seeds for SIGSPATIAL. Thus, the author base for SIGSPATIAL and CIKM overlap and we present it with this submission.