

Conference Identity: persistent IDs for conferences

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5 September 2019

PIDs for Conferences & Projects

Home > Working groups > PIDs for Conferences & Projects

This group aims to establish a persistent identifier (PID) system and registry for scholarly conferences. Once the metaconferences and conference series are defined, the group will also deal with providing a standardized description of conference review processes.

The use of PIDs helps one to record metadata about the conferences and, when applied to published proceedings, enable more efficient decision making for researchers, libraries, publishers, funding and evaluation bodies. Longer term, it also helps to identify fraudulent and/or low-quality conferences.

Currently the group involves a good number of representative publishers and has regular calls every 1-2 months. You can follow the group activity on twitter using [#confpid](#) tag or via the [DataCite blog](#) and [our own](#).

Please see blog post [Taking the con out of conferences](#) for background information.

Group Members

Chair: Aliaksandr Birukou, Springer Nature

Facilitator: Geoffrey Bilder, Crossref

- Marcel R. Ackermann, DBLP / Schloss Dagstuhl
- Andres Mori, Digital Science
- Nhora Cortes-Comerer, ASME
- Lisa Nienhaus, Springer Nature
- Philip DiVietro, ASME
- Craig Rodkin, ACM
- Martin Fenner, DataCite
- Sweitze Roffel, Elsevier
- Gerry Grenier, IEEE
- Judy Salk, Elsevier
- Christina Hoppermann, Springer Nature
- Bethan Keall, Elsevier
- Anna Lacson, ACM

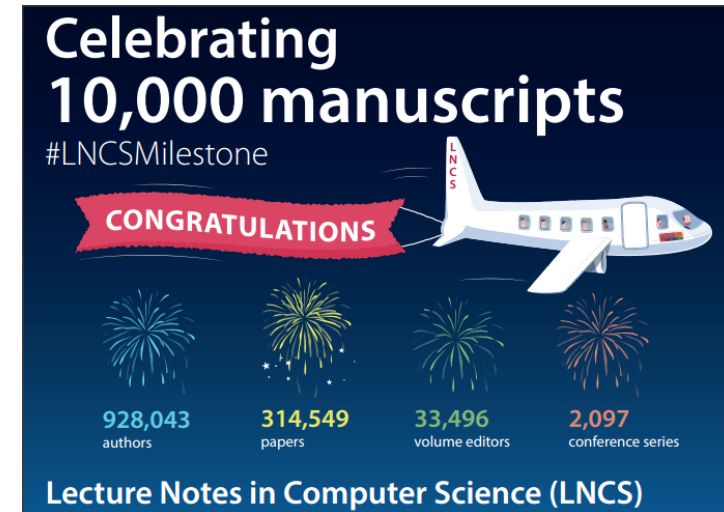
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Motivation

The role of conferences in computer science (CS)

- CS researchers publish a significant portion of original research outputs in conference proceedings (**63%** in Scopus 2012-16)
 - almost 6 Million DOIs in Crossref
 - ~70% of Springer Nature book output in CS

- LNCS founding editors got ACM Distinguished Service Award for establishing CS as a subject



- 4 in top 5 most downloaded Springer Nature books in 2017 were proceedings



Major publishers - Scopus

Scopus

9,200,559 document results


DOCTYPE (cp)

Subject area

- ☐ Engineering (4,756,161) >
- ☐ Computer Science (3,245,426) >
- ☐ Physics and Astronomy (1,454,866) >
- ☐ Mathematics (1,165,320) >
- ☐ Materials Science (1,110,206) >
- ☐ Medicine (641,506) >
- ☐ Earth and Planetary Sciences (430,095) >
- ☐ Social Sciences (350,257) >
- ☐ Information Science (311,400) >


Source title


- ☐ Lecture Notes In Computer Science Including Subseries Lecture Notes In Artificial Intelligence And Lecture Notes In Bioinformatics (361,985) >
- ☐ Proceedings Of SPIE The International Society For Optical Engineering (311,521) >
- ☐ Advanced Materials Research (130,381) >
- ☐ Aip Conference Proceedings (114,874) >
- ☐ SAE Technical Papers (105,611) >
- ☐ Applied Mechanics And Materials (92,712) >
- ☐ Optics Infobase Conference Papers (82,695) >
- ☐ Journal Of Physics Conference Series (41,640) >
- ☐ ACM International Conference Proceeding Series (48,454) >




IEEE

The international society for optics and photonics






Springer



We consider refereed conference proceedings with full papers, not books of abstracts

Acronyms are not unique

 dblp.uni-trier.de/db/conf/?prefix=Ee

- EELC - Emergence and Evolution of Linguistic Communication
- EEMMAS - Engineering Environment-Mediated Multi-Agent Systems
- EESSMod @ MoDELS - Experiences and Empirical Studies in Software Modeling
- EEWC - Enterprise Engineering Working Conference
- EEXTT - Efficiency and Effectiveness of XML Tools and Techniques

- EFDBS @ CAiSE - Engineering Federated Database Systems
- Efficiency and Effectiveness of XML Tools and Techniques (EEXTT)
- EFIS/EFDBS - Engineering Federated Information (Database) Systems
- EFTS @ FSE - Engineering Fault Tolerant Systems

- EG-ICE - Intelligent Computing in Engineering and Architecture
- EGC - European Grid Conference
- EGC - Extraction et Gestion des Connaissances
- EGC - Spanish Meeting on Computational Geometry
- EGCDMAS - Electronic Government and Commerce: Design, Modeling, Analysis and Security

Conferences change publishers

11. CollaborateCom 2015: Wuhan, China



Song Guo, Xiaofei Liao, Fangming Liu, Yanmin Zhu:

Collaborative Computing: Networking, Applications, and Worksharing - 11th International Conference, CollaborateCom 2015, Wuhan, China, November 10-11, 2015. Proceedings. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering 163, Springer 2016, ISBN 978-3-319-28909-0 [contents]



10. CollaborateCom 2014: Miami, Florida, USA



Elisa Bertino, Shu-Ching Chen, Karl Aberer, Prashant Krishnamurthy, Murat Kantarcioglu:

10th IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing, CollaborateCom 2014, Miami, Florida, USA, October 22-25, 2014. ICST / IEEE 2014, ISBN 978-1-63190-043-3 [contents]



There are fake / mock conferences



ICCBR 2017

25th International Conference on Case-Based Reasoning
26-28 June 2017



ICCBR 2017 : 19th International Conference on Case-Based Reasoning

San Diego, USA
December 18 - 19, 2017



ICCBR 2017 : 19th International Conference on Case-Based Reasoning

Chicago, USA
October 26 - 27, 2017



ICCBR 2017 : 19th International Conference on Case-Based Reasoning

Bali, Indonesia
October 23 - 24, 2017

What was done so far

Persistent IDs for conference series

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Scopus

Indexed in Scopus

The Semantic Web – ISWC 2014

URI: <http://lod.springer.com/data/procvolume/978-3-319-11963-2>

Property	Value
Proceedings volume EISBN	• 978-3-319-11964-9 (rdfs:literal)
Proceedings volume ISBN	• 978-3-319-11963-2 (rdfs:literal)
Book DOI	• 10.1007/978-3-319-11964-9 (en)
Book series acronym	• LNCS (rdfs:literal)
Has conference	• < http://lod.springer.com/data/conference/semweb2014 >
Available at	• < http://link.springer.com/978-3-319-11963-2 >
Is indexed by Scopus	• true (xsd:boolean)

Scopus search date	
Proceedings volume s	
Proceedings volume tit	
Type	
Proceedings volume n	



Extraction et Gestion des Connaissances

> Home > Conferences and Workshops

Association Extraction et Gestion des Connaissances
Anthologie des congrès EGC

16. EGC 2016: Reims, France

■ Cyril de Runz, Bruno Crémilleux:
16ème Journées Francophones Extraction et Gestion des Connaissances, EGC 2016, 18-22 Janvier 2016,
Hermann-Éditions 2016 [contents]

EGC 2016 Home Page

15. EGC 2015: Luxembourg



THE AMERICAN SOCIETY

Home Journals

Conference Proceeding

Conference Proceeding

Conference Series

Conference Pro

- + ASME Intern
- + ASME/JSME Thermal Engineering
- + ANES/ASME Joint National Solar E
- Frontiers in Biomedical Devices (B
- + ASME 2013 Conference on Frontiers
- + ASME 2011 6th Frontiers in Biomedic



HEP :: HEPN

411__a:"ACAT"

Las Vegas :: more

Sort by:

latest first desc. - or rank by - 25

Conferences

- 18th International Workshop on A**
21-25 Aug 2017. Seattle, WA, USA
C17-08-21, [Contributions](#)
<https://indico.cern.ch/event/567550/>
[Detailed record](#)
- 17th International Workshop on A**
18-22 Jan 2016. Valparaiso, Chile
C16-01-18.1, [Proceedings](#), [Contributions](#)
<http://indico.cern.ch/event/397113>
[Detailed record](#)
- 16th International Workshop on A**
01-05 Sep 2014. Prague, Czech Republic
C14-09-01.1, [Proceedings](#), [Contributions](#)
<http://www.particle.cz/acet2014>
[Detailed record](#)

Crossref / DataCite working group

- Launched – 2017
- Technical group (implementation) – Feb 2019
- Scope of the group:
 - (1) Unique Conference IDs – implement for other publishers
 - (2) Metadata on peer-review process
- Read more about the group:

<https://www.crossref.org/working-groups/conferences-projects/>
- Conference metadata document:


<https://www.crossref.org/blog/pids-for-conferences---your-comments-are-welcome/>

- Group participants:



Example of conference metadata: SpringerLink

<https://link.springer.com/conference/eccv>

 SpringerLink

ECCV

European Conference on Computer Vision

Search within this conference

2016 ● ECCV 2016

8-16 October 2016 Amsterdam, The Netherlands

Computer Vision – ECCV 2016 415 Papers

Computer Vision – ECCV 2016 Workshops 196 Papers 3 Volumes

2014 ● ECCV 2014

6-12 September 2014 Zurich, Switzerland

Computer Vision – ECCV 2014 362 Papers 7 Volumes

Computer Vision – ECCV 2014 Workshops 204 Papers 4 Volumes

A conference series with a unique conference series ID

contains several conference events with individual conference event IDs, dates, locations, etc.

Proceedings are linked to conference events

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Metadata availability

**ALL CONFERENCE AND
CONFERENCE SERIES
METADATA WILL BE
AVAILABLE UNDER CCO**

Group tasks

DONE:

Conference PID
group created

Conference metadata
has been defined

Keep the same ID
even if the
acronym/name
changes

Clear definition of co-
located, joint,
umbrella conferences

ONGOING and FUTURE WORK:

Pilots by publishers
and Crossref /
DataCite to assign
DOIs to conf [series]

Capture Program
Committee, Organizing
Committee members,
Keynote speaker(s)

Use PIDs for
**recognizing the
fake conferences.**

Crossref schema with conference metadata

Available for comments:

<https://bit.ly/324I8IP>

Will support DOI and metadata record registration for conference events and conference series.

CrossMark for proceedings – peer review

Crossmark



[Crossmark](#) allows Crossref members to record and display updates, retractions, errata, funding information, TDM licenses, peer review status, and more.

Crossmark for conference proceedings

Goals

- transparency of the peer review process
- identification of the conference, where the paper/chapter was presented
 - via conference's [persistent identifier](#)

Scope

- currently implemented in Springer Nature's computer science proceedings (LNCS, LNBIP, CCIS, IFIP-AICT and LNICST series)
- can be used by all Crossref members, publishing conference proceedings

Acknowledgements

- This project stems from the research on creating a dataset of peer review in computer science conferences published by Springer, carried out in the PEERE project: TD1306 - New Frontiers of Peer Review (PEERE)



Crossmark for conference proceedings - screenshots



[International Symposium on String Processing and Information Retrieval](#)

..... SPIRE 2018: [String Processing and Information Retrieval](#) pp 1-11 | [Cite as](#)

Recoloring the Colored de Bruijn Graph

Authors

[Authors and affiliations](#)

Bahar Alipanahi , Alan Kuhnle, Christina Boucher

Conference paper

First Online: 14 September 2018



Downloads

Part of the [Lecture Notes in Computer Science](#) book series (LNCS, volume 11147)

is live since mid September 2018

About this paper



Check for updates

Cite this paper as:

Alipanahi B., Kuhnle A., Boucher C. (2018) Recoloring the Colored de Bruijn Graph. In: Gagie T., Moffat A., Navarro G., Cuadros-Vargas E. (eds) String Processing and Information Retrieval. SPIRE 2018. Lecture Notes in Computer Science, vol 11147. Springer, Cham

First Online

14 September 2018

DOI

https://doi.org/10.1007/978-3-030-00479-8_1

Publisher Name

Springer, Cham

Print ISBN

978-3-030-00478-1

Online ISBN

978-3-030-00479-8

eBook Packages

[Computer Science](#)

More Information

Conference Information

Conference Acronym: SPIRE

Conference Name: International Symposium on String Processing and Information Retrieval

Conference City: Lima

Conference Country: Peru

Conference Year: 2018

Conference Start Date: 9 October 2018

Conference End Date: 11 October 2018

Conference Number: 25

Conference ID: spire2018

Conference URL: <http://eventos.spc.org.pe/spire2018/>

Peer Review Information

Type: Single-blind

Conference Management System: EasyChair

Number of Submissions Sent for Review: 51

Number of Full Papers Accepted: 22

Number of Short Papers Accepted: 6

Acceptance Rate of Full Papers: 43% - The value is computed by the equation "Number of Full Papers Accepted / Number of Submissions Sent for Review * 100" and then rounded to a whole number.

Average Number of Reviews per Paper: 3

Average Number of Papers per Reviewer: 3.8

External Reviewers Involved: Yes

new conference aggregator: ConfRef

The goal




Your place to find the best conferences



a one-stop pan-publisher shop for authors, research evaluators, PC members/reviewers to find information about conferences

Searching conferences



Refine your search:

350 results showing 1-30 sort **by relevance**

active filters:
science
CCF A
Call for papers


Industry



- ☐ All (5564)
- ☐ Science (54)
- ☐ Geology & earth sciences (63)
- ☐ Agriculture & Forestry (8)
- ☐ Medical & Farmaceutical (157)
- ☐ Electronics (560)




[show more...](#)


Type



- ☐ All (3864)
- ☐ Call for Papers (6)
- ☐ Upcoming events (20)
- ☐ Past events (3654)





ISCC
IEEE SYMPOSIUM ON COMPUTERS AND COMMUNICATIONS
 IEEE ISCC 2019, in its 22nd year, will provide an insight into the unique world stemming from the interaction between the fields of computers and communications.


 Heraklion, Crete, Greece
 2019, July 19-22 ONGOING
 Notification date 2019-07-21
 Submission date 2019-07-28


 560
 1256
 235
[Details](#)




MMETSS 2019
INTERNATIONAL CONFERENCE ON MODERN MANAGEMENT, EDUCATION TECHNOLOGY, AND SOCIAL SCIENCE
 IEEE ISCC 2019, in its 22nd year, will provide an insight into the unique world stemming from the interaction between the fields of computers and communications.

 Heraklion, Crete, Greece
 2019, July 19-22
 Notification date 2019-07-21
 Submission date EXTENDED 2019-07-28

 23
 256
 0
[Details](#)


ICESEE 2019

 Budapest, Hungary

 560
 1256

Why different from existing solutions?

- The data comes from a trusted source (Crossref, publishers, conference organizers), updated automatically
- Current solutions rely on crawling + community posts

WikiCFP

A Wiki for Calls For Papers

Category	CFPs
computer science	43
artificial intelligence	33
machine learning	18
security	22
data mining	20

Wissenschaftliche Veranstaltungen der TIB

Die Technische Informationsbibliothek (TIB) richtet nationale und internationale Veranstaltungen aus. Dabei handelt es sich um wissenschaftliche Konferenzen, Workshops und Online-Seminare. Viele Vorträge der von der TIB ausgerichteten Veranstaltungen stehen im [AV-Portal der TIB](#) als Videoaufzeichnung zur Verfügung und sind dort dauerhaft archiviert. Eine Übersicht anstehender TIB-Veranstaltungen finden Sie im TIB-Portal unter [Termine](#).

Konferenzen

- [13th International Conference on Data Integration in the Life Sciences 2018 \(DILS2018\)](#) 19. - 21. Oktober 2018 in Hannover
- [Virtuelle Lehrangebote und technische Anforderungen: Veranstaltungsreihe „Bildung in der digitalen Welt“ der Kultusministerkonferenz macht Halt in Hannover](#) 28. - 29. Mai 2018 in Hannover

Workshops

- [Workshop Nationale Forschungsdateninfrastruktur für die Chemie](#) 30. Oktober 2018 in Hannover
- [Digitale Langzeitarchivierung: Ein Workshop für niedersächsische Bibliotheken](#) 19. Oktober 2018 in Hannover
- [VDB-Fortbildung für Chemie, Pharmazie und verwandte Fächer](#) 17. - 18. Oktober 2018 in Hannover
- [3. VIVO-Workshop 2018](#)

ConfRef.org – all info about the conferences

9 Oct

Digital Science Announces New Catalyst Grant Winners

TAGS: [cadmore media](#) , [Catalyst Grant](#) , [confref.org](#) , [paperdigest](#)



Cadmore Media

A platform which enables scientific organisations to publish scholarly, professional and technical information through streaming video and audio.

ConfRef.org

A one-stop pan publisher place for scientists and research evaluators to find information about conferences and to reliably reference conferences via a globally unique persistent ID.

Paper Digest

Paper Digest is a tool which uses artificial intelligence to generate an easy-to-read summary of academic papers.

Research industry technology company Digital Science has today revealed the latest winners of its prestigious Catalyst Grant award: Paper Digest, Cadmore Media and ConfRef.org have each been awarded a grant.

The team



Aliaksandr Birukou: editorial director, LNCS, Computer Science proceedings and innovation at Springer

publishes CS proceedings and is responsible for R&D projects

chairs the Crossref/DataCite group on conference PIDs

PhD in ICT from the University of Trento, Italy (2009)



Kai Eckert: full professor at Stuttgart Media University

leads the Competence Center for Metadata Management and conducts applied research in information science and CS with the focus on Web-based information systems and services

an expert for Linked Open Data (LOD) solutions, metadata applications and data integration.

PhD in CS from the University of Mannheim, Germany (2012)



Andrey Gromyko: business developer / project manager at Net Wise

Among number of other projects, he has directly led the successful implementation, integration and deployment of the Springer LOD portal for Springer Nature.

We worked together on lod.springer.com, which then became SN SciGraph

Big picture

Vision



- Peer review
- People involved (Program Committee, Authors, Organizers)
- Research topics
- Organizations

**Transparent indexing, better ranking,
less fake/rubbish science**

Thank you

Follow me at @birukou, @liquidpub,
@SpringerCompSci @ConfRefOrg

Subscribe to updates on #confpid



Follow Patricia at @schemaschemer and
@crossreforg



Conference PID timeline



InSPIRE tracks
HEP
conferences



Springer launches
lod.springer.com
with unique Conf
IDs

CrossRef /
Datacite launch a
joint group on
conference and
project IDs

Technical group
kick-off at CERN:
Feb 27th



DBLP
launches with
conf/PID
pages

DataCite assigns
the 1st DOI to
PIDapalooza
conference series

Metadata specs
released for
community
comments



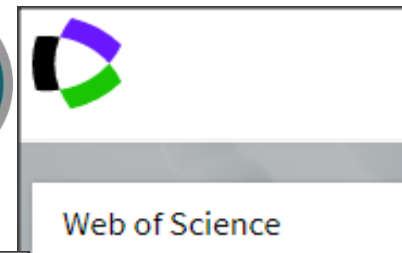
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Putting it all together...

ELSEVIER

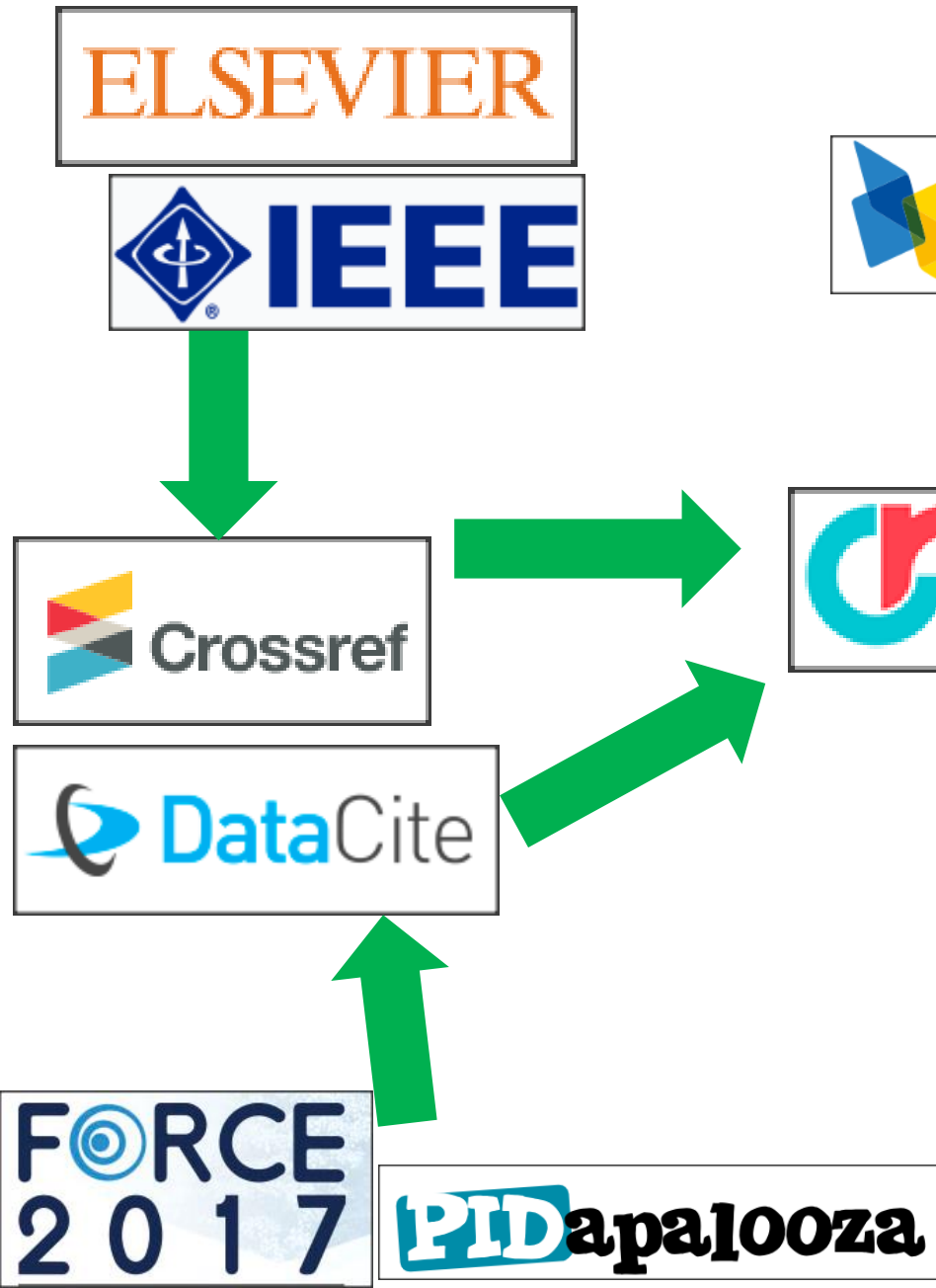


- universities
- conference organizers
- authors, PC members
- research evaluators



**FORCE
2017**

PIDapalooza



Use cases – what does not work now

Indexing – ScImagoJr – three different levels!!!

- **Conference Series level: ACM SIGKDD**

<https://www.scimagojr.com/journalsearch.php?q=101510&tip=sid&clean=0>

- **Conference level: IEEE CVPR 2008**

<https://www.scimagojr.com/journalsearch.php?q=12100157103&tip=sid&clean=0>

- **Book series level: LNCS**

<https://www.scimagojr.com/journalsearch.php?q=25674&tip=sid&clean=0>

Indexing – Web of Science

<https://link.springer.com/conference/recomb>

2014: not in WoS



2015: in WoS



2016: not in WoS



2017: accepted for WoS



2018: accepted for WoS




CrossMark for proceedings basics



Label	Meaning	Example
Peer Review Type	single-blind, double-blind, open, other	single blind
Conference Management System	EasyChair, CMT, etc.	OCS
Number of Submissions Sent For Review	The number of papers sent for peer review. Does not include straightforward rejects by the PC chairs due to out-of-scope or other reasons	100
Number of Papers Accepted For Publication	The number of full papers accepted.	30
Acceptance Rate (%)	The number of papers/The number of submissions sent for review * 100	30
Average Number of Reviews Per Paper	The number of reviews / the number of submissions sent for review.	3.25
Additional Information about the Review Process	Any additional information provided about the peer review process by the organizers.	"Short papers underwent shepherding process and 5 out of 10 were accepted as full papers."

CrossMark for proceedings extended: basic PLUS

Label	Meaning	Example	
Number of Full Papers Accepted	The number of full papers accepted.	30	
Number of Short Papers Accepted	The number of short papers accepted.	12	
Acceptance Rate Full Papers (%)	The number of full papers/The number of submissions sent for review * 100	30	
Average Number of Papers per Reviewer	The number of papers each reviewer has to review on average.	5	
Were External Reviewers Involved	Were external reviewers (people not included in the Program Committee) involved?	Yes	