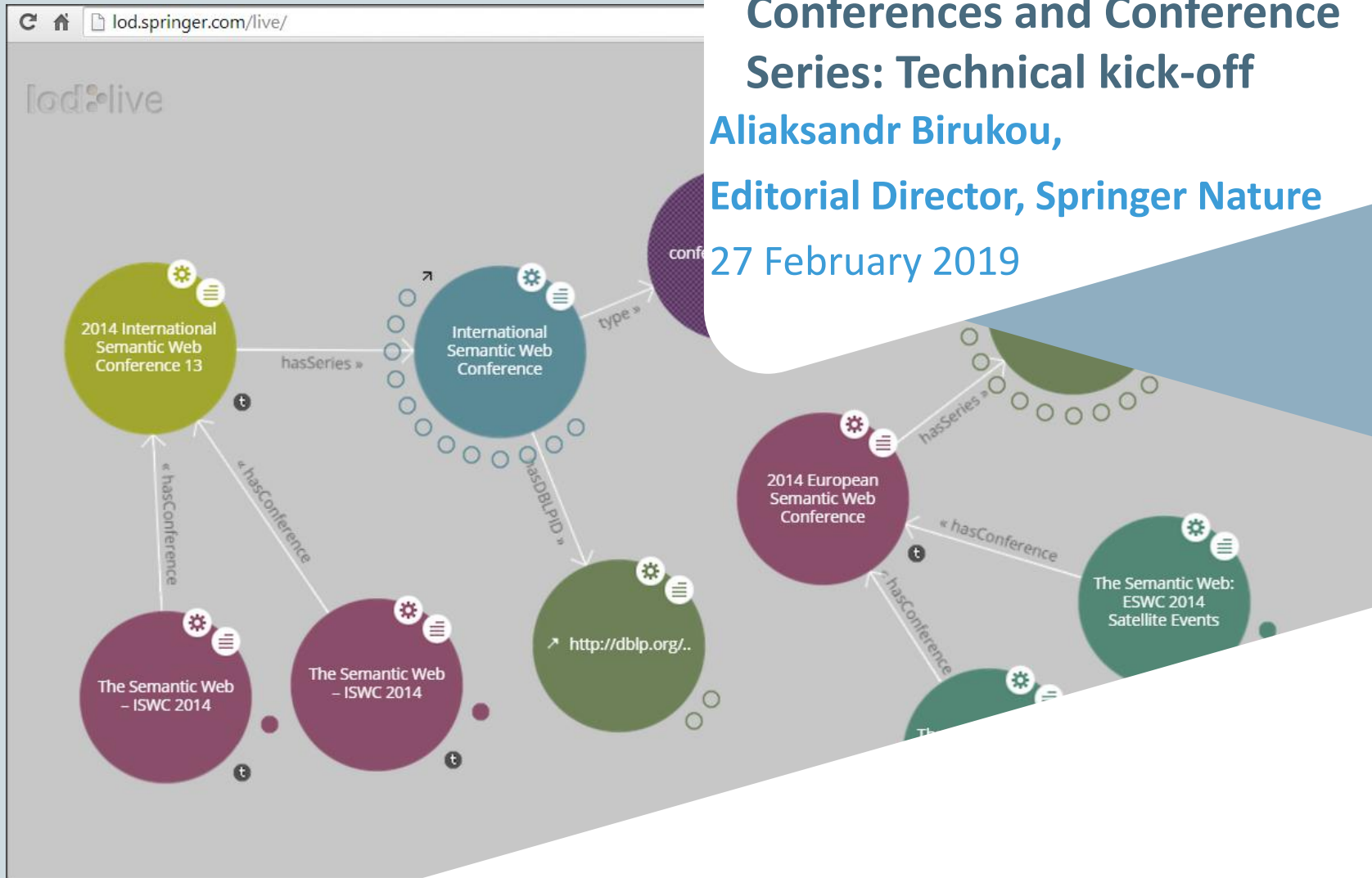


Persistent Identifiers (PIDs) for Conferences and Conference Series: Technical kick-off

Aliaksandr Birukou,


Editorial Director, Springer Nature

27 February 2019



Motivation

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

Indexed in Scopus

The Semantic Web – ISWC 2014

 URI: <http://lod.springer.com/data/proc/volume/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 OF MECHANICAL ENGINEERS

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

- 1. 18th International Workshop on A**
 21-25 Aug 2017. Seattle, WA, USA
 C17-08-21. [Contributions](#)
<https://indico.cern.ch/event/567550/>
[Detailed record](#)
- 2. 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](#)
- 3. 16th International Workshop on A**
 01-05 Sep 2014. Prague, Czech Republic
 C14-09-01.1. [Proceedings](#). [Contributions](#)
<http://www.particle.cz/acat2014>
[Detailed record](#)

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

1970

1993

2015

2016

2017

2018 2019

DBLP
launches with
conf/PID
pages

DataCite assigns
the 1st DOI to
PIDapalooza
conference series

Metadata specs
released for
community
comments



Crossref / DataCite working group

- Scope of the group:
 - (1) Unique Conference IDs – implement for other publishers
 - (2) Metadata on peer-review process (see later)

all data will be available under CC0

- 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:



April 2018: Metadata specs opened for comments

DataCite Blog

PIDs for conferences - your comments are welcome!


April 19, 2018 by Aliaksandr Birukou · 4 min read

<https://doi.org/10.5438/prq9-ed42>

This blog post by guest author Aliaksandr Birukou was cross-posted from the [Crossref blog](#).

Aliaksandr Birukou is the Executive Editor for Computer Science at Springer Nature and is chair of the [Project PID Group](#) that has been working to establish a persistent identifier system and registry for scholarly conferences. Here Alex provides some background to the work and asks for input from the community:

Home > Blog > PIDs for conferences - your comments are welcome!

 4 minute read.

PIDs for conferences - your comments are welcome!



[Aliaksandr Birukou](#) – 2018 April 19

In [Persistence](#), [Conference Ids](#), [Identifiers](#), [Datacite](#), [Crossmark](#)

Aliaksandr Birukou is the Executive Editor for Computer Science at Springer Nature and is chair of the [Project PID Group](#) that has been working to establish a persistent identifier system and registry for scholarly conferences. Here Alex provides some background to the work and asks for input from the community:

Roughly one year ago, Crossref and DataCite [started](#) a working group on conference and project identifiers. With this blog post, we would like to share the [specification](#) of conference metadata and Crossmark for proceedings and are inviting the broader community to comment.

Why are conferences important?

Summary of the comments

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

Clear definition of colocated, joint, umbrella conferences

Keep the same ID even if the acronym/name changes

Reuse work done by Microsoft Academic Search, DBLP, DNB, publishers, etc.

I think the PIDs for conferences will be important and helpful for the academic & publishing community, as one of the benefits will be **recognizing the fake conferences.**

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

Metadata availability

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

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.

Big picture

SPRINGER NATURE

ELSEVIER

IEEE

Putting it all together...

dblp
computer science bibliography

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

Crossref

DataCite

confref
.org

DEUTSCHE NATIONAL BIBLIOTHEK

Dimensions

Ex Ordo ?

Scopus

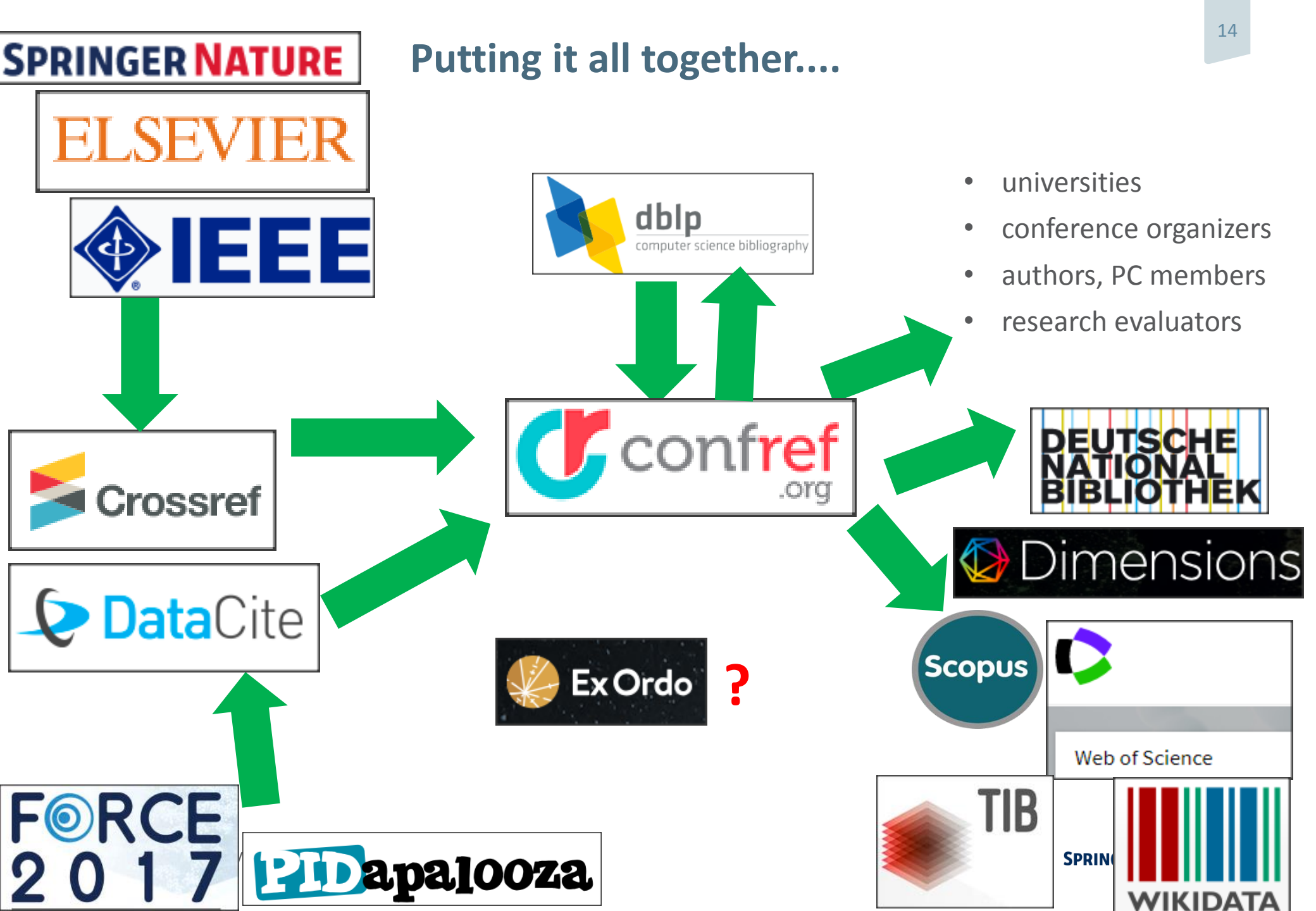
Web of Science

FORCE 2017

PIDapalooza

TIB

SPRINGER WIKIDATA



GOALS for this workshop

What we want to achieve

- **0. We have big interest to the topic of conference identifiers**
- **1. We would like to understand which use cases are the most pressing**
 - indexing?
 - mock conferences?
 - ...
- **2. ...and who can do what during the group lifetime**
 - use conf (series) id for 50% / 100% of conference in discipline X in Publisher A
 - prioritize indexing of conferences with conf series IDs (because it saves time)
 - implement conf PIDs in conference management system Y
- **3. What do we miss to make it a success story?**

After the meeting

- Continue for 6-12 months via regular calls
- Update the community on the progress via Crossref and DataCite blogs + other appropriate channels
-

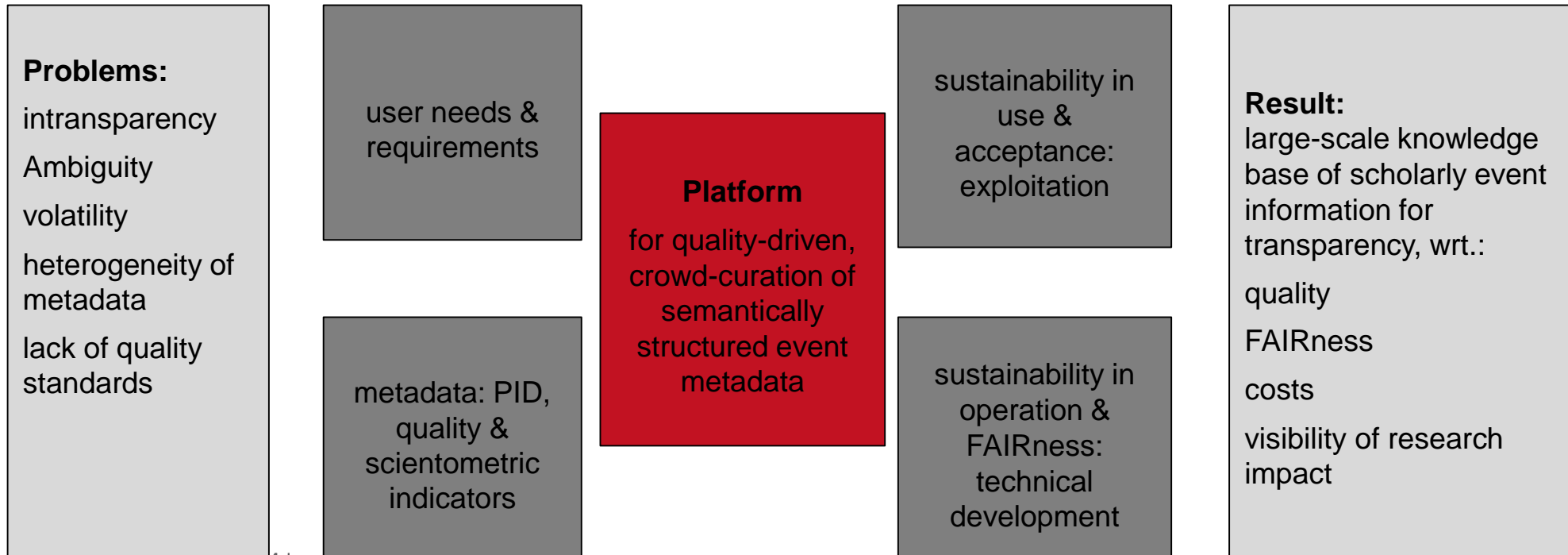
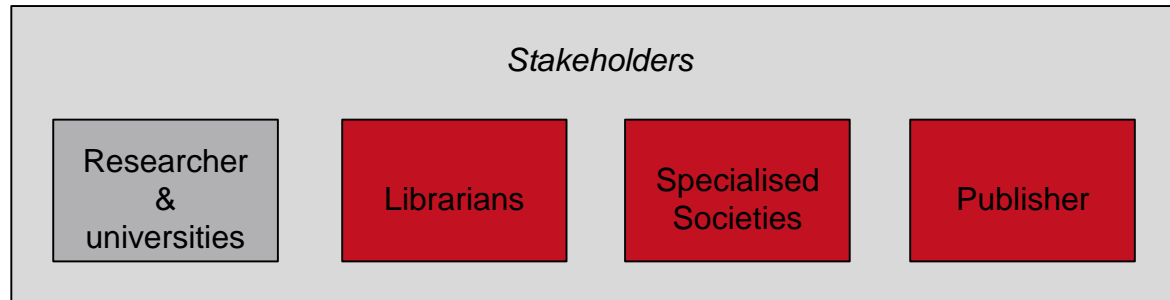
Thank you

Follow me at @birukou, @liquidpub,
@SpringerCompSci

Follow ConfRef at @ConfRefOrg

Subscribe to updates on #confpid

slide by Stephanie Hagemann-Wilholt



Use cases

Indexing - ScimagoJr

- **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



Metadata examples

Conference series metadata

- **ConfSeriesID:** the unique ID of the conference series, possibly DOI: acalci
- **ConfSeriesName:** “Australasian Conference on Artificial Life and Computational Intelligence”
- **ConfSeriesAcronym:** ACALCI
- **OtherIDs:** {DBLP, acalci}
- **Conf Series URL:** <http://www.acalci.net/>
- **ConfSeriesMaintainer:** the entity responsible for the conference series: International Society for Artificial Life (ISAL)

The screenshot displays the SpringerLink interface for the ACALCI conference series. At the top, the SpringerLink logo is visible. Below it, the text 'ACALCI' is followed by the full name of the conference: 'Australasian Conference on Artificial Life and Computational Intelligence'. A search bar is provided with the placeholder text 'Search within this conference'. A vertical timeline on the left side shows the years 2017 and 2016. For 2017, the entry is 'ACALCI 2017' with dates '31 January - 2 February' and location 'Geelong, Australia'. The associated volume is 'Artificial Life and Computational Intelligence', containing 32 papers and 1 volume. For 2016, the entry is 'ACALCI 2016' with dates '2-5 February' and location 'Canberra, Australia'. The associated volume is also 'Artificial Life and Computational Intelligence', containing 30 papers and 1 volume.

Year	Conference Name	Dates	Location	Volume Title	Papers	Volume
2017	ACALCI 2017	31 January - 2 February	Geelong, Australia	Artificial Life and Computational Intelligence	32	1
2016	ACALCI 2016	2-5 February	Canberra, Australia	Artificial Life and Computational Intelligence	30	1

Conference instance metadata

- **ConferenceSeriesID:** acalci
- **ConferenceID:** acalci2015
- **ConfSeriesName:** “Australasian Conference on Artificial Life and Computational Intelligence”
- **ConfSeriesAcronym:** ACALCI
- **ConfNumber:** 1
- **StartDate:** 2015-02-05
- **EndDate:** 2015-02-07
- **City:** Newcastle
- **State:** NSW
- **Country:** Australia
- **Place:** The University of Newcastle Conservatorium of Music, Newcastle, Australia
- **URL :** <http://alife.org/conference/acalci-2015>
- **Proceedings metadata**

PIDapalooza 2019 / 24 January 2019

To add in the future

- Program committee
- Organizing committee
- Keynote speakers
- Sponsors
- Submission and peer review info (Crossmark)
- Conference topics
- Hashtags, links to social media accounts

More: relations



- **Umbrella conferences**


ETAPS, established in 1998, is a confederation of five main annual conferences (ESOP, FASE, FOSSACS, POST and TACAS) accompanied by satellite workshops and other events.

- **Colocated conferences**

- hold together, but have different PC and program

- **Joint conferences**

- hold together and share the PC and program

 ASME 2017 Power Conference Joint With ICOPE-17 colocated with the ASME 2017 11th International Conference on Energy Sustainability, the ASME 2017 15th International Conference on Fuel Cell Science, Engineering and Technology, and the ASME 2017 Nuclear Forum (POWER2017-ICOPE-17)

CrossMark for proceedings – peer review

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 not only by other Springer Nature disciplines with a significant percent of conference proceedings, but also by other 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

90

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

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	

More about 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

active filters:

science

CCF A

Call for papers

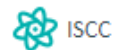
Industry

- 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	CFP
computer science	43
artificial intelligence	33
machine learning	18
security	22
data mining	20

Authors

- + Build my CFP list in minutes.
- + Search and sort by title, category, location and year.
- + Browse with graphical timeline.
- + Subscribe to RSS of lists and various [categories](#).
- + Get [email](#) and iCal reminders.

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 \(DILS2018\)](#)
November, 20 - 21, 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](#)

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