



**Submission Data for 2017 CORE conference Re-ranking process  
International Conference on Management of Digital EcoSystems**

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Supported by: Richard Chbeir, Yannis Manolopoulos, Ernesto Damiani, William Grosky, Hiroshi Ishikawa, Youakim Badr, Frederic Andres, Asane

**Conference Details**

**Conference**

Title: International Conference on Management of Digital EcoSystems  
Acronym: MEDES

**Requested Tag/Location**

Tag: Unranked  
Country:

**Requested For Codes**

For1: 0803  
For2: 0806  
For3: 0915

**Recent Years**

**Most Recent Year**

Year: 2016  
URL: <http://medes.sigappfr.org/16/>  
Papers submitted: 69  
Papers published: 20  
Acceptance rate: 29  
Source for acceptance rate: <http://dl.acm.org/event.cfm?id=RE558&CFID=975256620&CFTOKEN=97256263>

**Program Chairs**

Name: Richard Chbeir Affiliation: Universite de Pau et des Pays de l'Adour H index: 15 Google Scholar URL: <a href="https://scholar.google.com/citations?user=Fo6f9hkAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=Fo6f9hkAAAAJ&amp;hl=en</a> DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/c/Chbeir:Richard.html">http://dblp.uni-trier.de/pers/hd/c/Chbeir:Richard.html</a>
Name: Ismaïl Biskri Affiliation: Université du Québec à Trois-Rivières, Canada H index: 11 Google Scholar URL: <a href="https://scholar.google.com/citations?user=KM-__ftviCIC&amp;hl=en">https://scholar.google.com/citations?user=KM-__ftviCIC&amp;hl=en</a> DBLP URL: <a href="http://dblp2.uni-trier.de/pers/hd/b/Biskri:Isma=iuml=1">http://dblp2.uni-trier.de/pers/hd/b/Biskri:Isma=iuml=1</a>
Name: Rajeev Agrawal Affiliation: US Army Engineer Research and Development Center, USA H index: 8 Google Scholar URL: <a href="https://scholar.google.com/citations?user=YiWa8yYAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=YiWa8yYAAAAJ&amp;hl=en</a> DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/a/Agrawal:Rajeev">http://dblp.uni-trier.de/pers/hd/a/Agrawal:Rajeev</a>

**General Chairs**

Name: Yannis Manolopoulos Affiliation: Aristotle University of Thessaloniki, Greece H index: 51 Google Scholar URL: <a href="https://scholar.google.com/citations?user=2aXlM0AAAAAJ">https://scholar.google.com/citations?user=2aXlM0AAAAAJ</a> DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/m/Manolopoulos:Yannis">http://dblp.uni-trier.de/pers/hd/m/Manolopoulos:Yannis</a>
Name: Ernesto Damiani Affiliation: Universita' degli Studi di Milano, Italy H index: 44 Google Scholar URL: <a href="https://scholar.google.com/citations?user=aC7ZsHAAAAAJ">https://scholar.google.com/citations?user=aC7ZsHAAAAAJ</a> DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/d/Damiani:Ernesto">http://dblp.uni-trier.de/pers/hd/d/Damiani:Ernesto</a>

## Second Most Recent Year

Year: 2015

URL: <http://medes.sigappfr.org/15/>

Papers submitted: 64

Papers published: 13

Acceptance rate: 20

Source for acceptance rate: <http://dl.acm.org/event.cfm?id=RE558&CFID=975256620&CFTOKEN=97256263>

## Program Chairs

Name: Agma Traina Affiliation: Sao Paolo University, Brazil H index: 30 Google Scholar URL: <a href="https://scholar.google.com/citations?user=v2-C4i4AAAAAJ&amp;hl=fr&amp;oi=ao">https://scholar.google.com/citations?user=v2-C4i4AAAAAJ&amp;hl=fr&amp;oi=ao</a> DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/t/Traina:Agma_J=_M=">http://dblp.uni-trier.de/pers/hd/t/Traina:Agma_J=_M=</a>
Name: Youakim Badr Affiliation: INSA de Lyon, France H index: 13 Google Scholar URL: <a href="https://scholar.google.co.uk/citations?user=-ocygQ0AAAAAJ&amp;hl=en">https://scholar.google.co.uk/citations?user=-ocygQ0AAAAAJ&amp;hl=en</a> DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/b/Badr:Youakim">http://dblp.uni-trier.de/pers/hd/b/Badr:Youakim</a>
Name: Frederic Andres Affiliation: National Institute of Informatics, NII, Japan H index: -1 Google Scholar URL: DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/a/Andr=egrave=s:Fr=eacute=d=eacute=ric">http://dblp.uni-trier.de/pers/hd/a/Andr=egrave=s:Fr=eacute=d=eacute=ric</a>
Name: Oscar Salviano Affiliation: CTI, Brazil H index: -1 Google Scholar URL: DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/f/Filho:Oscar_Salviano_Silva">http://dblp.uni-trier.de/pers/hd/f/Filho:Oscar_Salviano_Silva</a>

## General Chairs

Name: Yannis Manolopoulos Affiliation: Aristotle University of Thessaloniki, Greece H index: 51 Google Scholar URL: <a href="https://scholar.google.com/citations?user=2aXlM0AAAAAJ">https://scholar.google.com/citations?user=2aXlM0AAAAAJ</a> DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/m/Manolopoulos:Yannis">http://dblp.uni-trier.de/pers/hd/m/Manolopoulos:Yannis</a>
Name: Hiroshi Ishikawa Affiliation: Tokyo Metropolitan University, Japan H index: -1 Google Scholar URL: DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/i/Ishikawa_0004:Hiroshi">http://dblp.uni-trier.de/pers/hd/i/Ishikawa_0004:Hiroshi</a>
Name: William Grosky Affiliation: University of Michigan-Dearborn, USA H index: 30 Google Scholar URL: <a href="https://scholar.google.com/citations?user=jGsRPo8AAAAAJ&amp;hl=fr&amp;oi=sra">https://scholar.google.com/citations?user=jGsRPo8AAAAAJ&amp;hl=fr&amp;oi=sra</a> DBLP URL: <a href="http://dblp.uni-trier.de/pers/hd/g/Grosky:William_I=">http://dblp.uni-trier.de/pers/hd/g/Grosky:William_I=</a>

## Third Most Recent Year

Year: 2014

URL: <http://sigappfr.acm.org/MEDES/14/>

Papers submitted: 411

Papers published: 137

Acceptance rate: 33

Source for acceptance rate: <http://dl.acm.org/event.cfm?id=RE558&CFID=975256620&CFTOKEN=97256263>

## Program Chairs

Name: Morad Benyoucef  
Affiliation: University of Ottawa, Canada  
H index: 21  
Google Scholar URL: <https://scholar.google.com/citations?user=3uTfDeUAAAAJ&hl=fr&oi=ao>  
DBLP URL: <http://dblp.uni-trier.de/pers/hd/b/Benyoucef:Morad>

Name: Saad Harous  
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Google Scholar URL: <https://scholar.google.com/citations?user=gae0cywAAAAJ&hl=fr&oi=ao>  
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## General Chairs

Name: Richard Chbeir  
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Google Scholar URL: <https://scholar.google.fr/citations?user=RViYikkAAAAJ&hl=fr>  
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## Other Information

### Proposers

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## Attachments

N/A

## Summary Argument:

In order to support full-fledged digital ecosystems, novel techniques, models, languages, infrastructures and socio-technical methods are required from multidisciplinary research communities. These topics and challenges make research in digital ecosystems field a pressing need, and MEDES series aim at contributing in that direction since its foundation in 2009.

The ACM MEDES conference is a well-established conference in the field of Digital Ecosystem and received its notoriety for the following reasons:

- 1) Since its 1st edition hosted in Lyon-France in 2009, the MEDES conference has always been sponsored by the ACM and in cooperation with the ACM Special Group On Applied Computing (ACM SIGAPP and ACM SIGAPP.fr). After 9 years of continuous presence, MEDES becomes the premier venue for the dissemination of leading edge research in "Digital Ecosystems". The MEDES conference series continues this tradition of bringing students, researchers and practitioners together to exchange and share their contributions related to various areas of the expanding universe of digital ecosystems.
- 2) The only comparator to the ACM MEDES is the IEEE DEST conference, which held from the 2007 to 2013 (<http://ieeexplore.ieee.org/xpl/conhome.jsp?punumber=1001958>). IEEE DEST seems to be declined, which makes the ACM MEDES the only conference that promotes research in Digital Ecosystem since 2009.
- 3) ACM MEDES takes place each year in different country. However, ACM MEDES main mission seeks to advocate research in underdevelopment and emergent countries (Addis Ababa-Ethiopia in 2012, Buraidah-Saudi Arabia in 2014, Caraguatutuba-Brazil in 2015, Bangkok-Thailand in 2010). To this end, it encourages local researchers to submit their papers in collaboration with mentors who help them to match ACM MEDES quality requirement. The mentorship program is managed by experienced researchers from the ACM MEDES community.
- 4) ACM MEDES is supported by the ACM each year and its proceedings are published by the ACM Digital library with ISBN. ACM MEDES thus exerts every effort to ensure ACM quality and standards.
- 5) Every year, ACM MEDES invites 3-4 well-known keynote speakers related to topics of digital ecosystems. For more details, please refer to the following links for the last three editions:
  - MEDES'16: <http://medes.sigappfr.org/16/keynotes>
  - MEDES'15: <http://medes.sigappfr.org/15/homepage/keynotes>
  - MEDES'14: [http://sigappfr.acm.org/MEDES/14/index.php?option=com\\_content&view=article&id=20&Itemid=21](http://sigappfr.acm.org/MEDES/14/index.php?option=com_content&view=article&id=20&Itemid=21)
- 6) more than 60 Program committee members are involved in each ACM MEDES edition; all of whom have been selected with respect to their strong expertise and special interest in their respective research areas.
- 7) All submitted papers undergo a rigorous peer-review process by at least 4 independent academic program committee members and reviewers. When needed, more reviewers are consulted to resolve potential conflicts. The conference program committee and program chairs choose only high quality submissions while providing constructive reviews to all authors (this is part of the conference policy). The chairs tend to maintain less than 40% of acceptance rate for presentation in the conference program and inclusion in the main conference Proceedings.
- 8) The ACM MEDES steering committee advocates for an international diversity, leading to papers submission from more than 40 countries every year.

## Additional Notes

Although several people still ignoring the concept of digital ecosystem, they use it in one way or another in their professional and/or personal digital life.

A digital ecosystem is usually defined as a distributed, adaptive, open socio-technical system, with several properties inspired by natural ecosystems. In the world of the Internet of Things (IoT), the rapid growth and exponential use of digital components leads to the emergence of digital ecosystems composed of multiple and independent entities such as individuals, organizations, services, software and applications sharing one or several missions and focusing on the interactions and inter-relationships among them. With the help of the computational intelligence, these digital ecosystems can exhibit collective knowledge and new self-\* properties

(such as self-management, self-healing and self-configuration) environments, thanks to the re-combination and evolution of its "digital components", in which resources provided by each entity are properly conserved, managed and used. In order to support full-fledged digital ecosystems, technologies to be adopted need to rely on novel techniques, models and methodologies related to big data management, web technologies, networking, security and privacy, human-computer interactions, artificial intelligence, and self-organizing systems.

The 9th ACM MEDES will be in Bangkok (<http://medes.sigappfr.org/17/>). Previous events took place in France (2016), Brazil (2015), Saudi Arabia (2014), Luxembourg (2013), Ethiopia (2012), USA (2011), Thailand (2010), and France (2009).

It is true that ACM MEDES is relatively a young conference but relies on strong expertise of all the people involved in it. We will be celebrating its 10th edition next year in Tokyo.