

# DEBS 2015

The 9<sup>th</sup> ACM International Conference on Distributed Event-Based Systems

Oslo, Norway, June 29 – July 3, 2015



UiO : University of Oslo

## Organizing Committee:

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*University of Oslo, Norway*

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### Grand Challenge Co-Chairs:

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*AGT International, Darmstadt,  
Germany*

## Objectives:

The objectives of the ACM International Conference on Distributed Event-Based Systems (DEBS) are to provide a forum dedicated to the dissemination of original research, the discussion of practical insights, and the reporting of experiences relevant to event-based computing that were previously scattered across several scientific and professional communities. The conference also aims at providing a forum for academia and industry to exchange ideas, for example, through industry papers and demo papers.

## Scope:

The scope of DEBS conference covers all topics relevant to event-based computing ranging from those discussed in related disciplines (e.g., software systems, distributed systems, data management, dependability, knowledge management, networking, programming languages, security and software engineering), to domain-specific topics of event-based computing (e.g., real-time analytics, mobile computing, social networking, pervasive, green computing and ubiquitous computing, sensors networks, user interfaces, big data processing, spatio-temporal processing, cloud computing, the Internet of things, peer-to-peer computing, embedded systems and stream processing), to enterprise-related topics (e.g., complex event detection, enterprise application integration, real-time enterprises and web services). Topics addressed by the conference papers may include (but are not limited to) models, architectures and paradigms of event-based systems, middleware systems and frameworks, and applications, experiences and requirements.

In addition to these traditional topics, the scope of DEBS 2015 will include the increasingly important area of environmental and marine monitoring. New advances in distributed event-based systems pose a great potential for a major contribution to addressing societal challenges in this area. For further information, please look at the call for contributions in the track you are interested in.



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## Organizing Committee:

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## Topics covered include, but are not limited to:

1. **Models, Architectures and Paradigms:** Event-driven architectures, event processing in big data, complex event processing, event correlation and pattern languages.
2. **Middleware infrastructures for Event-Based Computing:** Federated event-based systems, event dissemination on P2P systems, fault tolerance, reliability and availability.
3. **Applications, Experience and Requirements:** Use cases and applications of event-based systems and real world characterization of event-based systems.

**Open Access Opportunities:** *The authors of accepted papers will be given a choice between different copyright agreements, in accordance with the recent changes in the ACM policy. The options will include new opportunities for open access as well as the traditional ACM copyright agreement.*

**Authors Take Note:** *A new policy by ACM will allow DEBS 2015 to make the proceedings available ahead of the conference via the ACM Digital Library. Thus, the official publication date is the date the proceedings appear in the ACM Digital Library. This date may be up to two weeks prior to the first day of the conference. The official publication date affects the deadline for any patent filings related to published work.*

## Submission Dates:

Abstract submission for the research track	February 22 <sup>nd</sup> , 2015
Research and industry paper submission	February 27 <sup>th</sup> , 2015
Tutorial proposal submission	March 7 <sup>th</sup> , 2015
Grand Challenge solution submission	March 30 <sup>th</sup> , 2015
Poster, Demo, and Doctoral Workshop submission	April 30 <sup>th</sup> , 2015



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