



The 17th ACM/IFIP/USENIX Middleware Conference December 12-16, 2016, Trento, Italy Industry Track Call for Papers

The annual ACM/IFIP/USENIX Middleware conference is a major forum for the discussion of innovations and recent advances in the design, construction and use of middleware systems. The Industrial Track of the Middleware 2016 Conference solicits 6-page papers for presentation *during the main conference* (single track) and inclusion in the ACM Digital Library. The topics of interest are similar to those in the general conference call for papers. However, the purpose of the Industrial Track is to emphasize the practical issues, observations, and measurement of “real-world” systems and to disseminate information of particular interest to middleware architects, developers and researchers.

Topics of interest include, but are not limited to:

Experience reports and measurements relating to

- Deployments of Internet-scale, grid, data centers environments and other large-scale systems
- Cloud computing middleware, Platforms as a Service (Database as a Service, MOM as a Service...)
- Scalability issues (e.g., observed real-life workloads and adaptations)
- Quality of service, Quality of user experience
- Reliability and availability issues (observed real-life faults and faults models)
- Security issues (e.g., real attacks on deployed platforms and impacts)
- Middleware for mobile computing
- Deployments of embedded systems, sensor networks and Internet of Things
- Design principles and tools for Middleware

Approaches, mechanisms and tools for

- Real-life deployment, e.g., hardware equipment management (installation, updates, replacement), management of data center buildings, network points of presence, “data center in-a-box”
- DevOps, continuous software development and deployment
- Operation and management, e.g., patches, bug corrections, uninstallation
- Economic, energy-aware, and environmental analyses (e.g. cost and/or energy impacts of large data center-based deployments versus more distributed deployments)

A submission must be a **single PDF file** conforming to the [ACM Conference Format](#) and must not exceed **6 pages** (including abstract, figures, tables, and appendices, but **excluding references**). Submissions must be in English. Submissions that do not adhere to these guidelines or that violate formatting will be declined without review.

Reviewing is **single-blind**; papers must include author names and affiliations. The link to the submission website will be announced nearer the date.

Each submission will be reviewed by at least three members of the Industrial Track Program Committee. Submissions will be evaluated on the basis of originality, importance of contribution, soundness, evaluation, quality of presentation and appropriate comparison to related work. The committee as a whole will make final decisions about which submissions to accept for presentation at the conference.

Simultaneous submission of the same work to multiple venues, submission of previously published work, or plagiarism constitutes dishonesty or fraud. The conference organizers, like those of other scientific conferences and journals, prohibit these practices and may take action against authors who have committed them. Papers accompanied by nondisclosure agreement forms will not be considered. If you are uncertain whether your submission meets the guidelines, please contact the program co-chairs.

By submitting a paper, you agree that at least one of the authors will attend the conference to present it.

Important Dates

Paper Submission	September 2, 2016, 11:59 pm, PDT (UTC-7)
Author Notifications	October 3, 2016
Camera Ready Due	October 17, 2016

Program chairs

Paolo Costa, Microsoft Research
Joseph Loyall, Raytheon BBN Technologies

Program Committee

Giuliano Casale, SAP and Imperial College London, UK
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Thierry Coupaye, Orange Labs, France
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