

Middleware for Network Eccentric & Mobile Applications (MiNEMA'08)

Workshop co-located with ACM EuroSys Conference

March 31 – April 1, Glasgow, Scotland

<http://www.cs.kuleuven.be/conference/minema2008/>

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IMPORTANT DATES

Submission of abstract:

January 25, 2008

Submission of full paper:

February 1, 2008

Acceptance notification:

March 1, 2008

Camera-ready version due:

March 15, 2008

CALL FOR PAPERS

Middleware is crucial to bridge the gap between applications and the lower-level hardware and system software in order to coordinate how application components are connected and how they interoperate in a distributed context. Middleware research is a very promising research area mainly focusing on developing algorithms, components, and software architectures for enhancing a.o. distributed communication, resource management, reconfiguration management, and reliability.

The scope of the MiNEMA workshop is the design, implementation, deployment, and evaluation of middleware and architectures for mobile computing and communication environments. During the past four years, the MiNEMA workshop series has grown into an international forum for middleware research, supported by the European Science Foundation (ESF).

The objective of this workshop is to foster further collaboration in the domain of middleware, and to advertise and widen participation in a broader systems research community.

Research will be presented by both young and senior researchers in the field. The presentation of completed research as well as work in progress is expected to create a dynamic programme which should encourage fruitful discussions and new collaborations.

Topics of interest include, but are not limited to:

| | |
|---------------------------|-------------------------------------|
| Communication paradigms, | Ad hoc, sensor networking and |
| group communication | routing |
| Publish/subscribe systems | Security |
| Coordination protocols | Multimedia support and applications |
| Middleware architecture | Performance |
| QoS architectures | Context Awareness |
| Adaptation | |

Contributions will be reviewed by at least two members of the program committee. Potential participants may submit three types of contributions:

- **Research paper:** presents new, preliminary (!) research results on middleware for mobile environments (3-5 pages).
- **Research topic:** identifies potentially open questions in the domain and sets out a plan for how to answer those questions during the workshop - based on a presentation (3 pages, maximum).
- **Lessons learned:** a summary of complete research tracks and/or projects. This work can be submitted by sending a position paper (3-5 pages), optionally complemented with a report or reference to an existing publication describing the work.

Depending on the number and quality of submissions, we will accept paper and poster presentations. In order to get included in the proceedings, accepted contributions must be presented at the workshop by one of the authors.

The proceedings will be uploaded to the ACM Digital Library. Submitted papers must be original work in English without substantial overlap with papers that have been published or that are simultaneously submitted to a journal or conference with proceedings. Submissions must follow the ACM conference proceedings format, and must be submitted in PDF format.