



Call for Papers

The 3rd International Workshop on Recent Advances in Security Information and Event Management (RaSIEM 2014)

To be held in conjunction with the 9th International Conference on Availability, Reliability and Security (ARES 2014 – <http://www.ares-conference.eu>).

September 8th – 12th, 2014
University of Fribourg
Fribourg, Switzerland

Management of events and incidents is one of the cornerstones for any service.

The SIEM (Security Information and Event Management) approach enables near-real time event management as well as proactive management of security incidents and events for IT infrastructures. This workshop addresses research topics in SIEM and related methods and technologies.

The first two RaSIEM workshops in 2012 and 2013 have been successfully organized by the project MASSIF (<http://www.massif-project.eu>).






This year's workshop will be supported by the project ACCEPT (<http://accept-projekt.de/>) which considers in particular the special threats for SIEM in virtualized computer systems.

Topics of interest include, but are not limited to:

- Recognition, analysis and treatment of safety-relevant anomalies in virtualized computer systems
- Adequate sensors in the hypervisor, VMs and in run-time environments for applications
- Case study of SIEM in operational scenarios
- Protection of critical infrastructures against (targeted) cyber attacks
- Recognizing real threats in the multitude of daily alerts
- Predictive security analysis
- Ensuring data source reliability
- Managing data from heterogeneous devices and networks
- Correlation of highly heterogeneous data to identify threats
- SIEM for distributed computing
- Fault tolerance and resilience for SIEM architectures
- Real-time security analysis for SIEM
- SIEM for process monitoring and control
- Decision systems in SIEM
- Event translation and complex event processing for SIEM
- Big data approaches of mapping and reducing problem sets with regard to security information to help create meaning and structure from myriad data sources
- Visualization of security events



Important Dates

Submission Deadline	 March 21th, 2014
Author Notification	 May 26 th , 2014
Author Registration	 June 10 th , 2014
Proceedings Version	 June 16 th , 2014
Conference	 September 8th - 12th, 2014

Submission Guidelines

The submission guidelines valid for the workshop are the same as for the ARES conference. They can be found at <http://www.ares-conference.eu>.

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