



Call for Papers

The Eighth International Conference on Availability, Reliability and Security (AREs 2013)



<http://www.ares-conference.eu>

University of Regensburg, Germany

September 2nd - 6th, 2013

AREs Conference

The 8th International Conference on Availability, Reliability and Security ("AREs") will bring together researchers and practitioners in the area of dependability. AREs will highlight the various aspects of security - with special focus on the crucial linkage between availability, reliability and security.

AREs aims at a full and detailed discussion of the research issues of security as an integrative concept that covers amongst others availability, safety, confidentiality, integrity, maintainability and security in the different fields of applications.

AREs will emphasize the interplay between foundations and practical issues of security in emerging areas such as e-government, m-government, location-based applications, ubiquitous computing, autonomous computing, chances of grid computing etc. AREs is devoted to the critical examination and research challenges of the various aspects of Secure and Dependable Computing and the definition of a future road map.

Selected papers that are accepted by and presented at the AREs Conference will be published, after further revision, in special issues of international journals.

AREs Important Dates

Submission Deadline	 March 1st, 2013 March 12th, 2013
Author Notification	 May 2nd, 2013
Author Registration	 May 18th, 2013
Proceedings Version	 June 1st, 2013
Conference	 September 2nd - 6th, 2013

Conference Officers

Program Committee Co-Chairs

- **Günther Pernul**, University of Regensburg, Germany
- **Ravi Sandhu**, University of Texas at San Antonio, US

Keynote Speakers

- **Elena Ferrari**, Director DiSTA STRICT SocialLab, University of Insubria, Italy
- **Carl Gunter**, Department of Computer Science, University of Illinois at Urbana-Champaign, US

Tutorials

- **Gary McGraw**, CTO, Cigital, USA - Tutorial on Software Security
- **Haya Shulman**, Bar Ilan University, Israel - Tutorial on DNS Security
- **Ludwig Fuchs**, University of Regensburg, Germany - Tutorial on Secure Enterprise

Submission

To submit a paper please visit our Submission Site at www.ares-conference.eu.

Topics of interest include, but are not limited to:

Authorization and Authentication	Privacy-Enhancing Technologies
Availability and Reliability	Process based Security Models and Methods
Business Continuity & Resilience	RFID Security and Privacy
Cost/Benefit Analysis	Risk planning, Analysis & Awareness
Cryptography	Safety Critical Systems
Dependability Aspects for Special Applications (e.g. ERP-Systems, Logistics)	Secure Enterprise Architectures
Dependability Aspects of Electronic Government (e-Government)	Security Issues for Ubiquitous Systems
Dependability Administration	Security and Privacy in E-Health
Dependability in Open Source Software	Security and Trust Management in P2P and Grid applications
Designing Security Requirements	Security and Privacy for Sensor Networks, Wireless/Mobile Devices and Applications
Digital Forensics	Security and Usability
E-Commerce Dependability	Security as Quality of Service
Failure Prevention	Security in Distributed Systems / Distributed Databases
Identity Management	Security in Electronic Payments
IPR of Security Technology	Security in Electronic Voting
Incident Response and Prevention	Software Engineering of Dependable Systems
Information Flow Control	Software Security
Information Hiding	Standards, Guidelines and Certification
Internet Dependability	Survivability of Computing Systems
Interoperability Aspects	Temporal Aspects of Dependability
Intrusion Detection and Fraud Detection	Threats and Attack Modelling
Legal Issues	Trusted Computing
Mobile Security	Tools for Dependable System Design and Evaluation
Network and Organizational Vulnerability Analysis	Trust Models and Trust Management
Network Security	VOIP, Wireless Security