

# **Preliminary Call for Papers**

## **The Second International Workshop on Modern Cryptography and Security Engineering (MoCrySEn 2013)**

To be held in conjunction with the 8th International Conference on Availability, Reliability and Security (ARES 2013 – <http://www.ares-conference.eu>).

**September 2nd – 6th, 2013**  
**University of Regensburg**  
**Regensburg, Germany**

The Second International Workshop on Modern Cryptography and Security Engineering (co-located with the International Conference on Availability, Reliability and Security) aims to bring together researchers working in theoretical aspects of modern cryptography (including but not restricted to design and analysis of symmetric-key primitives and cryptosystems, block and stream ciphers, hash functions and MAC algorithms, efficient implementations and analysis of public-key cryptosystems, public-key signatures, threshold schemes) with professionals working on applied aspects of security engineering, particularly people involved in standardization and in industrial deployment of cryptography (encryption schemes for databases and related security, cryptography in wireless applications, hardware for cryptanalysis, digital signatures, FPGA and smart cards security). The main goal of the workshop is to strengthen the dialogue between these two groups, which is currently perceived to be weak. Ultimately, we aim to continue bridging the gap between what academic cryptographers believe should be the goals of cryptographic design and what is actually implemented in the real world. MoCrySEn intends to provide a better understanding of real-world cryptographic issues to the theoretical community, helping to inform their research and set new research challenges for the theoretical community and enable practitioners to develop a clearer view of the current state-of-the-art in cryptographic research and what it offers to practitioners

### **Topics of interest include, but are not limited to:**

- Symmetric-key cryptography
- Public-key cryptography
- Secret-sharing cryptography
- Algorithmic cryptanalysis
- Database encryption
- Public-key signatures
- Software and hardware implementation of cryptographic algorithms
- Hardware security
- Cryptographic schemes for mobile devices
- Interaction between cryptographic theory and implementation issues

### **Important Dates**

<b>Submission Deadline</b>	<b>April 30th, 2013</b>
<b>Author Notification</b>	May 31st, 2013
<b>Proceedings Version</b>	June 11st, 2013
<b>Conference</b>	<b>September 2nd - 6th, 2013</b>

## Submission Guidelines

As MoCrySEn is co-located with the ARES conference <http://www.ares-conference.eu>, anonymized submissions are required, in order to ensure a **double blind review**. In addition, submitted papers must conform to the “Springer LNCS Series” format <http://www.springer.de/comp/lncs/authors.html> and they must not exceed more than **12** pages, excluding well-marked appendices and bibliography. For more details, regarding the submission procedure please consult the workshop's webpage at <http://mocrysen2013.inria.fr> or contact the workshop chairs.

## Proceedings

All accepted papers of the workshop will be published by **Springer Lecture Notes in Computer Science (LNCS)** with IFIP logo (indexed by EI) joint with the proceedings of the CD-ARES conference. The proceedings will be available at the workshop. At least one author of an accepted paper must register at the ARES 2013 site and present the paper at the workshop.



## Program Chairs

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## Program Committee

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- Paulo Barrreto, Universidade de Sao Paulo, Brazil
- Christina Boura, Technical University of Denmark, Denmark
- Pierre-Louis Cayrel, Université Jean Monnet, France
- Matthieu Finiasz, CryptoExperts, France
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