

## ***9th International View of the State-of-the-Art of Cryptography and Security and its Use in Practice***

**Friday, May 13, 2016 9am-5pm**

**Address: Österreichische Computer Gesellschaft (OCG), Wollzeile 1, 1010 Wien**

**Registration:** If you are interested in participation, please contact Claire Vishik ([claire.vishik@intel.com](mailto:claire.vishik@intel.com)) for registration.

### **Workshop Description**

The goal of the workshop is to enable an informal discussion forum to allow us to exchange of opinions on issues associated with the design, implementation, and use of commercial cryptography.

Following the workshops in Dagstuhl, Beijing, Athens, Bangalore, Copenhagen Kaosiang, Sofia, and Auckland, the workshop in Vienna will again bring together researchers & practitioners from different countries to discuss developments in theoretical and applied cryptography and surrounding societal and policy issues.

Each focus area will be anchored by an invited talk and/or panel of short talks, and the emphasis will be on discussion and exchange of opinions. Approaches and projects in different countries will be discussed, in order to continue to build a community of research and practice and in order to generate new ideas in this field.

### **Program**

<b>9:00-9:20am</b>	<b>Opening statements, introductions</b>
<b>9:20-10:30am</b>	<b>Session I. Blockchain and cryptocurrencies</b> Intro and setting of the stage (Ghassan Karame, NEC) IBM blockchain activities (Elli Androulaki) Industry activities (Claire Vishik) Discussion
<b>10:30-10:50am</b>	Break
<b>10:50-12:00pm</b>	<b>Session 1 continues</b> Implementations: Risto Laanoja (Guardtime) Discussion
<b>12:00-1:00pm</b>	Lunch
<b>1:00-2:30pm</b>	<b>Session 2: Innovation in cryptography and security</b> <b>IoT: crypto to protect crypto</b> (Frédéric de Portzamparc, Secure-IC S.A.S) <b>Challenges When Introducing Lightweight Cryptography for Constrained Environments</b> (Lily Chen, NIST) Discussion
<b>2:30-3:00pm</b>	Break
<b>3:00-4:30pm</b>	<b>Session 3. Apple case, law enforcement access,</b> Should we ban encryption? The world is not black and white. Yvo Desmedt, UT Dallas Others TBA Discussion
<b>4:30pm-5pm</b>	Closing, future workshops, adjourn

