

# RE-TRUST 2008

## First International Workshop on Remote Entrusting

Call for Contributions and Participations

**October 15 – 16, 2008**

**Trento, Italy**

<http://www.re-trust.org/>



### Aim and Scope

“Remote Entrusting” is a novel paradigm with the specific objective of ensuring that code running on an untrusted machine, is being executed in a trustworthy manner. In other words, the original code functionality (as originally specified and implemented) has not been modified prior to or during run-time. The assumption is the availability of a connection to trusted entities.

The workshop is organized by the RE-TRUST project (Remote Entrusting by RUn-time Software auThentication), funded by the European Commission, under the Future Emerging Technology (FET) program. See <http://www.re-trust.org/> for more details on previous workshops.

We intend to bring researchers together that are interested in the various topics that are related to the remote entrusting paradigm, for open discussions.

### Call for Contributions

RE-TRUST 2008 invites abstract submissions on theory and techniques that are related to “Remote Entrusting”. We are seeking contributions that will stimulate the discussion in several different areas. Topics include, but are not limited to:

- Computing with encrypted functions and data
- Dynamic software updating
- Hardware assisted software obfuscation
- Obfuscation metrics
- Remote software attestation
- Remote entrusting
- Self modifying code
- Software obfuscation techniques
- Software reverse engineering (and complexity)
- Tamper resistant software
- Trust mitigation
- Trusted Computing
- White-box cryptography
- Use of Smart Cards and TPMs for remote entrusting

The results themselves may or may not be recent, however we encourage the speakers to position the work in the context of “Remote Entrusting”. More information and submission: <http://www.re-trust.org/>

### Important Dates

Submissions date: September 5, 2008  
Notification date: September 17, 2008

### Keynote

- Mikhail Atallah  
– Purdue University, USA



## Workshop Chairs/Committee

### General Chair

- Yoram Ofek – University di Trento, Italy – ofek@disi.unitn.it

### Program Chairs

- Mariano Ceccato – FBK - Fondazione Bruno Kessler, Italy – ceccato@fbk.eu
- Stefano Di Carlo – Politecnico di Torino, Italy – dicarlo@polito.it
- Brecht Wyseur – Katholieke Universiteit Leuven, Belgium – brecht.wyseur@esat.kuleuven.be

### Steering and Scientific Committee

- Olivier Billet – Orange Labs, France
- Christian Collberg – University of Arizona, USA
- Amir Herzberg – Bar-Ilan University, Israel
- Dennis Hofheinz – CWI Amsterdam, the Netherlands
- Willem Jonker – Philips Research, The Netherlands
- Marc Joye – Thomson R&D, France
- David Naccache – University Paris II, France
- Pascal Paillier – Gemalto, France
- Bart Preneel – Katholieke Universiteit Leuven, Belgium
- Paolo Prinetto – Politecnico di Torino, Italy
- Ahmad-Reza Sadeghi – Ruhr-University Bochum, Germany
- Paolo Tonella – FBK - Fondazione Bruno Kessler, Italy
- Paul Van Oorschot – Carleton University, Canada
- Moti Yung – Google & Columbia University, USA

## Venue

The workshop takes place at the heart of the most beautiful Alpi Dolomiti (<http://www.trentino.to>), in Villa Madruzzo, over-looking Trento (<http://www.villamadruzzo.it/>).



The workshop is open and registration should be completed on-line.

