



**Sixth Framework Programme
Information Society Technology**



RE-TRUST

Remote EnTrusting by RUn-time Software auTthentication

**Second International Workshop
on Remote Entrusting**
Wednesday September 30, 2009

9:30 - 10:30

KeyNote

Ahmad-Reza SADEGHI (Ruhr-Universität Bochum – Germany)
Trusted Virtual Domains and Challenges

10:30 - 11:00

Coffe Break

11:00 - 12:45

Session 1

Chair: Amir HERZBERG (Bar Ilan University – Israel)

A general model for hiding program control flow

Jan CAPPAERT (K.U.Leuven – Belgium),
Brecht WYSEUR (K.U.Leuven – Belgium)

Tools and Methodologies for Layered, Diverse, and Renewable Security in Tethered Systems

Clifford LIEM (Cloakware/IRDETO – Canada)

Software Integrity based on the Problem of large Finite Automata Decomposition

Wulf Harder (Syncrosoft – Latvia)

12:45 - 14:00

Lunch



Second International Workshop on Remote Entrusting

14:00 - 15:45

Session 2

Chair: Igor KOTENKO (SPIRAS - Russia)

A Solution based on Cryptographic Hardware for Agent Protection

Antonio MUÑOZ (Universidad de Málaga – Spain),

Antonio MAÑA (Universidad de Málaga – Spain)

A Signature Scheme for Distributed Executions based on Macro-Dataflow Analysis

Sebastien VARRETTE (University of Luxembourg – Luxembourg)

Individually obfuscated program files – increasing the attacker's variable cost

Martin BOESGAARD (Codesealer – Denmark)

15:45 - 16:00

Discussions on presentations

16:15 - 16:30

Coffe Break

16:30 - 18:00

Panel discussion

Organizer and Chair: Yoram OFEK (University of Trento – Italy)

**What and why we trust in TCG, RE-TRUST, etc.:
The role, location and functionality of core of trust**



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RE-TRUST

Remote EnTrusting by RUn-time Software authentication

**Second International Workshop
on Remote Entrusting
Thursday October 1, 2009**

10:00 - 12:30

Session 3

Chair: Alessandro ZORAT (University of Trento – Italy)

Obfuscation: from Theory to Practice

Amir HERZBERG (Bar Ilan University – Israel),
Haya SHULMAN (Bar Ilan University – Israel)

Practical Secure Remote Computing

Amir HERZBERG (Bar Ilan University – Israel),
Haya SHULMAN (Bar Ilan University – Israel)

Performance and Scalability of Remote Entrusting Protection

Igor KOTENKO (SPIIRAS – Russia),
Vasily DESNITSKY (SPIIRAS – Russia)

Towards a Formal Model for Software Tamper Resistance

Stefano DI CARLO (Politecnico di Torino – Italy),
Cataldo BASILE (University of Trento – Italy),
Brecht WYSEUR (K.U.Leuven – Belgium),
Thomas HERLEA (K.U.Leuven – Belgium),
Jasvir NAGRA (Google – USA)



Second International Workshop on Remote Entrusting

12:30 - 14:00 *Lunch*

14:00 - 16:00 **Panel discussion**
Organizer and Chair: Igor KOTENKO (SPIIRAS – Russia)
Security and/(vs?) Trust:
what are the main similarities and differences?
Is it reasonable to consider them as one?