

Most of European critical activities rely on networked Communication and Information Systems (CIS), highly interconnected. CIS performance could be jeopardized by incidents of various kinds. A multi-disciplinary approach is compulsory to leverage their dependability by an alliance of three approaches:

Modelling and simulation: DESEREC devises and develops innovative approaches and tools to design, model, simulate, and plan critical infrastructures to dramatically improve their resilience.

Detection: DESEREC integrates various detection mechanisms to ensure fast detection of severe incidents but also to detect complex ones, based on a combination of seemingly unrelated events, or on an abnormal behavior.

Response: DESEREC provides a framework for computer-aided counter-measures initiatives to respond in a quick and appropriate way to a large range of incidents to mitigate the threats to the dependability and rapidly thwarts the problem. CIS Re-configuration is the utmost mechanism for their survivability.

DESEREC will respond efficiently to the three families of incidents which can occur in a critical system: Attacks from the outside, Intrinsic failures and Misbehavior or malicious internal use.

THALES



Thales Communications (Fr)

Budapest University of Technology and Economics (Hu)

IEIIT/CNR (It)

EADS Defence and Security Systems SA (Fr)

ENST (Fr)

EPT (Fr)

IABG mbH (De)

Intracom (De)

OTE (Gr)

Politecnico di Torino (It)

Wroclaw University of Technology (Pl)

Renfe-Operadora (Es)

Security Evaluation Analysis and Research Laboratory Ltd (Hu)

Soluciones Globales Internet (Es)

Trusted Logic (Fr)

TNO (Nl)

University of Murcia (Es)

Canadian Research Center (Ca)

Dependability and Security
by Enhanced Reconfigurability

The project is funded by the European Commission within the IST Programme
Project Duration: 01.01.2006-31.12.2008

25.09.06 Monday

13.30-14.30 Registration, snack bar

Session: User scenarios, architecture

14.30-15.30 The objectives of DESEREC project,

Thales Communications, France.

15.30-16.30 User scenarios, requirements, questionnaire, *SGI, Spain.*

16.30-17.00 Coffee break

17.00-18.00 Currently foreseen architecture, *IABG mbH, Germany,*

19.30-21.30 Dinner (in city centre)

26.09.06 Tuesday

Session: System modelling

09.00-09.30 Modelling requirements for security/dependability evaluation and management, *Politecnico di Torino, Italy.*

09.30-10.00 Introduction to modelling languages (CIM, etc...), *University of Murcia, Spain.*

10.00-11.00 System modelling, *Politecnico di Torino, Italy.*

11.00-11.30 Coffee break

11.30-12.30 Policy modelling, *University of Murcia, Spain.*

12.30-13.00 Questions and discussion on system modelling

13.00-14.00 Lunch

Session: Accompanying presentations of tools

14.00-15.00 VIATRA2 model transformation framework, *BUTE, Hungary.*

15.00-16.00 NERD, *TNO, The Netherlands.*

16.00-16.30 Coffee break

16.30-17.30 SIMICS, *IABG mbH, Germany.*

The 1st DESEREC training workshop will be held at Wroclaw University of Technology.

Meeting place

The meeting will take place in the picturesque, historical city of Wroclaw in south-western Poland, well worth visiting. It will be hosted by the Wroclaw University of Technology, an academic institution established in 1945.

Target of the workshop

The first training DESEREC workshop will present project aims, analysed testbeds and foreseen architecture. Moreover, it will focus on the problem of modelling of Complex Information Systems (CIS) for dependability analysis.

Additionally, only for volunteers, the presentation of some existing ICT tools for modelling, simulating and monitoring of CIS will be given.

Who should participate?

- * Representatives from operators of Complex Information Systems
- * Technology developers and providers
- * Researchers, working in the field of CIS dependability

Venue

Wroclaw University of Technology
Main building (A1), room 241
Wybrzeże Wyspińskiego 27
53-370 Wroclaw, Poland
www.pwr.wroc.pl

Registration

Return the Registration Form by post, fax or e-mail (scanned copy) to Organizing Committee by **Sept. 11, 2006.**

THE TRAINING AS WELL AS LUNCH AND DINNER ARE FREE OF CHARGE (if You send your registration form on time).

WE DO NOT REFUND THE TRAVEL AND ACCOMMODATION EXPENSES.

We will confirm your participation in the event within a week.

Remember that the number of participants is limited therefore send the registration form as soon as possible.

Organizing Committee

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Important links:

Registration forms on: waran.ict.pwr.wroc.pl/reg.html
Workshop Web Page: waran.iilar.pwr.wroc.pl
Wroclaw Web Side: www.wroclaw.pl
Wroclaw University of Technology Web Side: www.pwr.wroc.pl