

SPRING SCHOOL ON SECURITY

(Marseille, France April 25-29, 2005)

<http://www.cmi.univ-mrs.fr/~secur05>

Scientific Committee

R.Amadio (LIF, U. Provence), H.Comon (LSV ENS Cachan), Y.Lakhnech (Verimag, Grenoble), Denis Lugiez (LIF, U. Provence), Dale Miller (LIX, E.Polytechnique), C.Palamidessi (LIX, E.Polytechnique), R.Treinen (LSV ENS Cachan).

Presentation

Security is a hot topic in Computer Science which covers various research areas and security (or usually unsecurity) has strong consequences even in everyday life. Security issues are not restricted to programming issues but also deal with the analysis of more general systems like, for instance, probabilistic systems or cryptographic protocols. New techniques and tools like XML raise the need for new tools and provide new applications for techniques like approximate verification. The aim of the school is to provide a comprehensive study of techniques and tools relevant to security and verification issues in a large variety of systems arising in Computer Science.

- Non-Interference (G.Boudol, Inria Sophia)
- Security and XML (A.Gabillon, U.Pau)
- Verification of Cryptographic Protocols I (D. Lugiez, LIF)
- Verification of Cryptographic Protocols II (V. Cortier, Loria)
- Analysis of Concurrent Programs (M. Mueller-Olm, U. Dortmund)
- Test and Verification (D. Peled, Warwick)
- Approximate Verification (M. de Rougemont, LRI)
- Verification of Probabilistic Systems (R. Segala, U. Verona)

A session will be devoted to the presentation of on-going research by the participants.

Practical Informations

- Location: CIRM (<http://www.cirm.univ-mrs.fr>)
- Registration: registration form available at <http://www.cmi.univ-mrs.fr/~secur05>)

Sponsors

The Spring School is supported by AS Sécurité Logicielle, University of Provence, Laboratoire d'Informatique Fondamentale de Marseille.