Preface

Volume 66, Issue 3

Vladimiro Sassone

Abstract

F-WAN: Foundations of Wide Area Network Computing

This volume contains the proceedings of the international workshop *F-WAN: Foundations of Wide Area Network Computing*. The workshop was held in Malága, Spain, on July 12-13 2002 under the auspices of *EATCS*, the European Association of Theoretical Computer Science, as a satellite event of the 29th International Colloquium on Automata, Languages and Programming, *ICALP 2002*.

The growing diffusion of internet services and applications is promoting Global Computing as an emerging model of computation. Based on mobility of code and computation on networks with highly dynamic topologies, global computing needs effective infrastructures to support the coordination and control of components loaded at runtime from untrusted sources, as well as semantic frameworks to reason on the behaviour and properties of applications.

Foundations of Wide Area Network Computing focused on semantics aspects of Global Computing. The scientific programme consisted of four invited presentations and nine contributed papers, selected from high-quality submissions ranging from calculi, models, and semantic theories of concurrent, distributed, mobile, global-computing systems to languages, security and types for global computing. The *Invited Speakers* completed the meeting with samples of leading research in the area:

Martín Abadi (U. C. Santa Cruz), *Some Recent Security Protocols*
Luca Cardelli (Microsoft Research, Cambridge), *Spatial Logics for Distributed Systems*
Andrew D. Gordon (Microsoft Research, Cambridge), *Authenticity Types for Cryptographic Protocols*
Matthew Hennessy (U. Sussex), *Behavioural Equivalences for Distributed Agents*
The **Programme Committee** was formed by

Cédric Fournet (Microsoft)

Andrew Gordon (Microsoft)

Alan Jeffrey (De Paul, Chicago)

Ugo Montanari (Pisa)

Catuscia Palamidessi (PennState)

Benjamin Pierce (UPenn)

Davide Sangiorgi (INRIA)

Vladimiro Sassone (Sussex)

Peter Sewell (Cambridge)

Beside thanking Programme Committee members and invited speakers for their formidable contribution, and the *authors* for considering *F-WAN*, I thankfully acknowledge the help of

the following **referees**: Roberto Bruni, Giuseppe Castagna, Fabio Gadducci, Francesca Levi, and Hernan Melgratti.

A final warm thank goes to the impeccable ICALP 2002 **Organising Committee**: Inmaculada Fortes Ruiz, Llanos Mora, Rafael Morales, Francisco Triguero.

August 2002
Vladimiro Sassone