

The Programme (CONTINUED)
Tuesday 19 September 2006
Verified Software, I, Morning Session

Chair: Andrzej Tarlecki, MAE

- The Ideal of Program Correctness
Sir Tony Hoare, MAE 9:00–9:45
- A Million Lines of Verified Code
Jim Woodcock 9:45–10:30
- Refreshment Break 10:30–11:00
- Have we Learned from the Wasa Disaster (?)
Jean-Raymond Abrial, MAE 11:00–11:45
- Temporal Annotations and Their Validation
Amir Pnueli, MAE 11:45–12:30

The Programme (CONTINUED)
Tuesday 19 September 2006 (CONTINUED)
Verified Software, II, Afternoon Session

Chair: Georg Gottlob, MAE

- **The German VeriSoft Project**
Wolfgang J. Paul, MAE 14:30–14:45
- **Model Checking, Theorem Proving, and Abstract Interpretation**
The Convergence of Formal Verification Technologies
Thomas Henzinger, MAE 14:45–15:30
- Refreshment Break 15:30–15:50
- **Panel: Pan-European Collaboration ?** 15:50–17:20
 - ★ Juhan Ernits, Tallinn
 - ★ Jan Obdrzalek, Brno
 - ★ Victor Kuliamin, Moscow
 - ★ Ivan Levcenko, Kiev
 - ★ Nikolay Shilov, Akademgorodok
 - ★ Virginia Niculescu, Cluj-Napoca
 - ★ Jim Woodcock (**Chair**), York

The Programme (CONTINUED)
Wednesday 20 September 2006
Unconventional Grand Challenges, Morning Session

Chair: Juhani Karhumäki, MAE

- Quantum Computing
Jozef Gruska, MAE 9:00–9:45
- Biocomputing
Luca Cardelli, MAE 9:45–10:30
- Refreshment Break 10:30–11:00
- From Computable Functions to Definable Systems
Wolfgang Reisig, MAE 11:00–11:45
- Economics and Game Theory
Krzysztof R. Apt, MAE 11:45–12:30

The Programme (CONTINUED)
Wednesday 20 September 2006 (CONTINUED)
Computer Mathematics, Afternoon Session

Chair: Maurice Nivat, MAE

- Main Issues of Computer Mathematics
Henk Barendregt, MAE 14:00–14:45
- Can We Trust Floating-point Numbers (?)
Paul Zimmermann 14:45–15:30
- Refreshment Break 15:30–16:00
- Computer Algebra
Joachim von zur Gathen 16:00–16:45
- Formalisation (Proof-checking)
Laurent Théry 16:45–17:30