

Set → M. Joubert. 10.1298

The 1998 (21st) CERN School of Computing took place in Funchal, Madeira from 6-19 September 1998. The School was organised by CERN in collaboration with LIP, Lisbon and the University of Madeira and brought together 67 students (from 45 institutes, 22 countries and of 22 nationalities). There were 13 lecturers, of which 7 were from CERN. The programme was organised round four themes: Agent and Distributed Computing Technology, Intelligent Monitoring and Control, Petabyte Storage (data bases) and Software Evolution. After general lectures in the first week, the second week was oriented towards computing problems for particle physics and the LHC programme. Practical exercises were an important part of the programme and required a complex computing infrastructure.

Computing and peripheral equipment was provided by and via CERN. Equipment lent by various computer manufacturers was delivered to CERN where it was set up, tested, dismantled and shipped to Funchal. Portuguese colleagues ensured the provision of the necessary network connection from Funchal via the University of Madeira, Lisbon and CERN and, together with students from Madeira, helped in the installation. Setting up this complex computing facility, even if only needed for a short time, needed close collaboration and was widely appreciated.

The main lecture programme was as follows:

INTELLIGENT MONITORING AND CONTROL

Intelligent Monitoring and Control

A. Cardoso

Application of Expert Systems in High Energy Physics : the ALEPH and ZEUS Case

P. Mato

PETABYTE STORAGE

The Architecture of the High Performance Storage System (HPSS)

R.W. Watson

Building Petabyte Databases with Objectivity/DB

L. Guzenda

Object Databases as Data Stores for High Energy Physics

D. Düllmann

AGENT AND DISTRIBUTED COMPUTING TECHNOLOGY

Computational Grids

C. Kesselman

Agents - Mobile Agents in Java

M. Dönszelmann

SOFTWARE EVOLUTION

Software Evolution - Track Introduction

A. Khodabandeh

User Requirements

G. Kellner

Project Management and Tracking, Resource Estimate

A. Aimar

Introduction to Software Documentation

A. Aimar

Quality Through Software Metrics

A. Khodabandeh

Configuration Management

R.G. Jacobsen, D. Johnson

Software Evolution: Case Study, OPAL

K. Ackerstaff

EVENING LECTURE

Quantum Computing: An Introduction

A.J.G. Hey

from countries which are not members of CERN. Priority will be given to applicants from developing countries and those not requiring travel assistance.

Applications for support must be submitted on a special application form by 15 May 1998, together with the formal application to the School, the formal letter of reference and work summary, as mentioned under item 8. An application form is enclosed with this Bulletin. Additional forms for Scholarships may be obtained from Miss J. Turner, CERN School of Computing, CERN, 1211 Geneva 23, Switzerland, or via Computing.School@cern.ch.

10. Cancellation

The Advisory Committee reserves the right to refuse reimbursement of part or all of the fee in the case of late cancellation. However, each case of cancellation would be considered individually.

11. Replacement

In all cases of withdrawal or cancellation, whether last-minute or otherwise, the choice of a replacement, if any, will lie entirely with the Advisory Committee and not with the laboratory concerned.

12. Advisory Committee

W. Carena	CERN, Geneva	
F. Etienne	CPPM, Marseille	
F. Flückiger	CERN, Geneva	
L.O. Hertzberger	University of Amsterdam, Amsterdam	
A.J.G. Hey	University of Southampton, Southampton	(Chairman)
G. Kellner	CERN, Geneva	
M. Metcalf	CERN, Geneva	
P. Palazzi	CERN, Geneva	
J. Turner	CERN, Geneva	(School Administrator)
C. Vandoni	CERN, Geneva	(School Director)
D.O. Williams	CERN, Geneva	

13. Local Organising Committee

G. Barreira	LIP, Lisbon	
J. Gomes	LIP, Lisbon	
C. Lencastre	University of Madeira	
R. Nobrega	LIP, Lisbon	
S. Silva	LIP, Lisbon	
J. Varela	LIP, Lisbon and CERN, Geneva	(Chairman)

14. Enquiries and correspondence

All enquiries and correspondence related to the School should be addressed to:

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