



Siège: Genève, Suisse
Seat: Geneva, Switzerland

**ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH**

Laboratoire Européen pour la Physique des Particules
European Laboratory for Particle Physics

CS/93

March 1993

THE 1993 CERN SCHOOL OF COMPUTING

Scuola Superiore G. Reiss Romoli, L'Aquila, Italy
12 - 25 September 1993

B U L L E T I N N O . 1

1. Date and place of the School

The sixteenth CERN School of Computing will again be held at the Scuola Superiore G. Reiss Romoli at L'Aquila, Italy, where the School already took place in 1992. L'Aquila lies 120 km to the east of Rome, in the Abruzzi massif, at an altitude of 700 m. The Scuola Superiore G. Reiss Romoli offers very good conference facilities, various laboratories, a computer centre and a library. It is gratefully acknowledged that the School is sponsored by the Scuola Superiore G. Reiss Romoli. The dates of the School are the following: Sunday 12 to Saturday 25 September 1993.

2. Participation

The School is open to postgraduate students and research workers with a few years experience in elementary particle physics, in computing, or in related fields. The number of participants will be of the order of seventy, mostly from the CERN Member States or from laboratories closely associated with CERN, but a few may come from countries which are not Member States of CERN.

Personal contacts and informal discussions among the participants during leisure time are an important aspect of the School. For this reason, participants are asked to note that they should not be accompanied by family members or friends.

An application form is included with this Bulletin. Instructions for the preparation of the 100-word summary, describing participants current work, can be found under point 8.

3. Accommodation

All those participating in the School will be lodged in comfortable single study-bedrooms equipped with private bathrooms.

4. Scientific programme

The total number of lectures will be about forty-five. Subject to minor changes, it will include the following courses:

Neural networks	R. Amendolia (University of Sassari and INFN, Pisa)	4 lectures
Data bases in particle physics	D. Baden (Maryland University)	3 lectures
Physics of data storage	G. Bate (Santa Clara University)	3 lectures
Virtual reality - case studies at NASA Ames	M. Bauer (NASA Ames)	1 lecture
Computer animation for scientific visualization	M. Bauer (NASA Ames)	2 lectures
Information access	T. Berners-Lee (CERN)	2 lectures
PAW++ and PIAF	R. Brun (CERN)	3 lectures
Asynchronous Transfer Mode	G. Ciccarella (Scuola Superiore G. Reiss Romoli)	3 lectures
Open software: UNIX, DCE and competitors	T.W. Doeppner (Brown University)	2 lectures
Real-time Posix	C. Eck (CERN)	2 lectures
Experience with DD2	M. Ernst (DESY)	1 lecture
High-speed interconnects	J.F. Morrison (Los Alamos Natl.Lab.)	3 lectures
Searching for gravitational waves	B.F. Schutz (University of Wales)	2 lectures
IEEE mass storage reference model	J. Shiers (CERN)	3 lectures
Genetic algorithms	N. Stephens (University of Wales)	3 lectures
LHC level 1 triggers	Speaker to be announced	2 lectures

As in the past several Schools, tutorials and practical sessions will again form part of the programme, this time on tools for preparing presentations. These will be introduced by S. de Gennaro (CERN).

The selection of the students will be made by the Advisory Committee and students will be informed of the outcome of their application in the second half of June 1993.

9. Cancellation

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

10. Replacement

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

11. Advisory Committee

R. Brun	CERN	
B. Carpenter	CERN	
S. Centro	INFN, Padova	
R.F. Churchhouse	University of Wales	(Chairman)
R.W. Dobinson	CERN	
C. Verkerk	CERN	(Scientific Secretary)
D.O. Williams	CERN	
P. Zanella	Geneva University & CRS4, Cagliari	
I. Barnett	CERN	(School Secretary)

12. Enquiries and correspondence

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

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Telex : 419 000 CER CH
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E-mail : BARNETT@CERNVM.CERN.CH

Acceptance/Refusal

✓ *D. Allen*

✓ A. Almeida

✓ M. Antoniuk

A. Asmone

✓ A.S. Ayan

✓ F. Barale (F)

✓ E. Bergan

✓ H.-M. Bosch

✓ B.T. Bouwens

✓ A. Branco

✓ C.E.E. Bruschini

✓ D. Carron

✓ A. Caldas Ferreira

P. Celio

~~M. Dach~~

✓ E. D'Amico

Z.A. Dendzik

✓ J.C. De Vries

J. Dominguez-Sol

✓ P. Duda

✓ B.J. Feyen

✓ I. Fladmark (F)

✓ G. Folger

✓ M. Gentile

✓ D. Goldner

✓ A. Gomes (F)

M. Goretti

✓ F. Hernandez

✓ S.A. Jagielski

✓ R. Lindner

A. Khasanov

✓ J.T. Klem

✓ B. Kotlinski

✓ A. Kyriakis

✓ R.S. Mayer

✓ S. Nickel

✓ W. Niessen

✓ T.E. Pettersen

✓ B.R. Schulze

✓ A. Segreto

✓ M. Spencer

✓ R. Spiwoks

D.M. Steele

✓ P. Stenström

✓ Z. Szkutnik

✓ J. Szlachciak

J. Vrettaros - *no 26.7.93*

✓ J.J.A. Vuoskoski

G.R. White - *no 25.8.93*

✓ E. Wilhelmsen

H. Witsch

✓ M.P.Z. Zinser

✓ E. Zude

Krawtgaestner, W.

Reiterfeldt, C.

D. Gall