

1988 CERN SCHOOL OF COMPUTING

Oxford, U.K., 14 - 27 August 1988

INFORMATION FOR LECTURERS

1. Organization

The School is organized by CERN in collaboration with the host country. It will be directed by Dr. P.W. Jeffreys of the Rutherford Appleton Laboratory and Mr. C. Verkerk of CERN. All questions or correspondence related to the detailed organization of the School should be addressed to :

Mrs. Ingrid Barnett  
CERN  
CH-1211 GENEVA 23  
Switzerland

Tel. (022) 83 30 90.

2. Place and nature of the School

The School will be held at The Queen's College, Oxford. Lectures will be given at the Examination School, which is situated directly across the road from the College.

The audience is expected to consist of between 60 and 75 physicists and computer scientists of post-graduate or post-doctorate level, including approximately 30 participants from the host country. From previous CERN Schools of Computing we may expect, say, 90 % to be physicists actively using computers in experimental high-energy physics research, with a few years of experience.

3. Programme

Details of the scientific programme of the School can be found in the enclosed Bulletin No. 1. Also enclosed is the provisional timetable.

Lectures are arranged in one-hour periods. Some short discussion should be allowed for within the lecture periods. A total of 45 lectures is foreseen. Separate discussion periods on specific topics can be arranged as and when necessary during the School. All lectures will be given in English. Lecturers should however realize that English is the mother tongue of only a fraction of the participants.

The Queen's College, Oxford, U.K., 14 - 27 August 1988

## PROGRAMME

	Monday 15 August	Tuesday 16 August	Wednesday 17 August	Thursday 18 August	Friday 19 August	Saturday 20 August
1	Opening ceremony	<b>B. Levrat</b> Document preparation systems	<b>B. Levrat</b> Document preparation systems	<b>H. Durrant-Whyte</b> Robotics	<b>H. Durrant-Whyte</b> Robotics	<b>H. Durrant-Whyte</b> Robotics
2	<b>C. Rubbia</b> Introductory lecture	<b>A. Casaca</b> Interpersonal communications using computers	<b>A. Casaca</b> Interpersonal communications using computers	<b>S. Harvey</b> RP3	<b>S. Harvey</b> RP3	<b>C. Bennett</b> Physical limits to computing
3	<b>C.A.R. Hoare</b> Software engineering	<b>A. Danthine</b> High-speed networks	<b>A. Danthine</b> High-Speed networks	<b>R. Phillips</b> Visualization	<b>R. Phillips</b> Visualization	<b>J.J. Thresher</b> High-energy physics at CERN
4	<b>G. Kellner</b> Software engineering	<b>G. Kellner</b> Software engineering	<b>G. Kellner</b> Software engineering	<b>P.C. Treleven</b> Parallel computer architectures	<b>P.C. Treleven</b> Parallel computer architectures	Excursion
5	Tutorials on SASD	<b>A.J.G. Hey</b> Occam and transputers	<b>A.J.G. Hey</b> Occam and transputers	Tutorials on SASD	<b>J.J. Thresher</b> High-energy Physics at CERN	

	Monday 22 August	Tuesday 23 August	Wednesday 24 August	Thursday 25 August	Friday 26 August
1	<b>C.N.P. Gee</b> Data acquisition and recording	<b>C.N.P. Gee</b> Data acquisition and recording	<b>C.N.P. Gee</b> Data acquisition and recording	<b>K. Miura</b> Vectorization of physics code	<b>K. Miura</b> Vectorization of physics code
2	<b>M. Letheren</b> Computer-aided electronic design	<b>M. Letheren</b> Computer-aided electronic design	<b>M. Metcalf</b> Progress in vectorization for HEP and on FORTRAN 8x	<b>M. Metcalf</b> Progress in vectorization for HEP and on FORTRAN 8x	<b>M. Metcalf</b> Progress in vectorization for HEP and on FORTRAN 8x
3	Tutorials on SASD	<b>F. Perriollat</b> Accelerator controls	<b>R.P. Mount</b> New techniques for data analysis in high-energy physics	<b>R.P. Mount</b> New techniques for data analysis in high-energy physics	<b>R.P. Mount</b> New techniques for data analysis in high-energy physics
4	Excursion to Culham +	Free	<b>M. Letheren</b> Computer-aided electronic design	Silicon compilation	Silicon compilation
5	<b>H. van der Beken</b> Controls of JET		<b>F. Perriollat</b> Accelerator controls	<b>F. Perriollat</b> Accelerator controls	Available

ACCEPTANCE/REFUSAL

1988 CERN SCHOOL OF COMPUTING

List of participants

- |                                  |                             |
|----------------------------------|-----------------------------|
| ✓ S.J. ALVSVAAG                  | ✓ P. MALZACHER              |
| ✓ G. APPELQUIST                  | ✓ A. MASONI                 |
| ✓ P.A. ARNOLD                    | ✓ P. MATO VILA              |
| ✓ L.A.T BAUERDICK                | ✓ A. MIOTTO                 |
| ✓ P. BELTRAN                     | ✓ L. NORMANN ✓ M. c. Nguyen |
| ✓ T. BOTHNER                     | ✓ T.A. OKSAKIVI             |
| ✓ K.-D. BRAND                    | ✓ A. PACHECO PAGES          |
| ✓ M. CAMPANELLA                  | ✓ A.P. PEREIRA              |
| ✓ A.J. CASS                      | ✓ J.M. PEREZ                |
| ✓ S.I. CHASE                     | ✓ M. PILAWA                 |
| ✓ P.J. CREHAN                    | ✓ J. PUIMEDON               |
| P. CRISTOFORI                    | ✓ M. QUESADA                |
| H.I. CRONSTRÖM                   | ✓ J. RANGLES                |
| ✓ C.E. DEAN                      | ✓ P. RIBARICS               |
| ✓ P. DEFFERT                     | ✓ A. ROLLNIK                |
| ✓ M. DIMOU                       | ✓ J. ROSE                   |
| ✓ R. DIVIA                       | M.A. ROSENBERG              |
| ✓ J. FANCHON                     | ✓ D. SCHALL                 |
| ✓ G. FARRACHE                    | ✓ I. SCHNEIDER              |
| ✓ P. FOUCAULT                    | S.J. SCIUTTO - no 28.6.88   |
| ✓ J.B. GALVAN HERRERA            | ✓ V. SEFERIDIS              |
| ✓ M. GERGATSOULIS                | ✓ G.P. SIROLI               |
| ✓ L. GERLAND                     | ✓ N. SPENCER                |
| ✓ K. GOERING                     | ✓ E.P.G. TANKE              |
| ✓ B. HENNINGSEN ✓ E. Hatziaugeli | ✓ T. THOUW                  |
| ✓ R. HOPKINS                     | ✓ M. VARELA                 |
| S.H. KINDER                      | ✓ G. VEDOVATO               |
| ✓ S. KOKKOTOS                    | ✓ M. VIDAL                  |
| ✓ M. KRÄMER                      | ✓ A. WALRAVENS              |
| ✓ M.A. KUNZE                     | ✓ X.J. WANG                 |
| ✓ A. LEVY MANDEL                 | ✓ M. WARNS                  |
| ✓ E. MACHADO                     | ✓ O.C. WILLM                |
| ✓ P. MALECKI                     | ✓ N. ZIOGAS                 |
| ✓ S. MALTEZOS                    |                             |