

1989 CERN SCHOOL OF COMPUTING

Bad Herrenalb, Black Forest, Federal Republic of Germany

20 August — 2 September 1989



The programme will include lecture courses on the following topics:

Artificial intelligence and expert systems — Applications in data acquisition

High performance chips: Si vs. GaAs (title to be confirmed)

K.-H. Beck (*Bergische Universität, Wuppertal*)

M. Pirritolla (*Cray Research*)

PROGRAMME

	Sunday 20 August	Monday 21 August	Tuesday 22 August	Wednesday 23 August	Thursday 24 August	Friday 25 August	Saturday 26 August
09.00 - 10.00	A R R I V A L	E. Picasso	A.J.G. Hey (1) Scientific computing with transputers	A.J.G. Hey (2) Scientific computing with transputers	L.M. Robertson (1) Operating systems	L.M. Robertson (2) Operating systems	
10.00 - 11.00		C. Rubbia	P.C. Treleaven (1) Neural networks and neurocomputers	P.C. Treleaven (2) Neural networks and neurocomputers	P.C. Treleaven (3) Neural networks and neurocomputers	H.F. Hoffmann (2) 'Deutsches Forschungs Netz'	
11.30 - 12.30		G. Bednorz	H.M. Wacker (1) High-performance computers	H.M. Wacker (2) High-performance computers	H.M. Wacker (3) Information processing at DLR		
16.30 - 17.30		G. Müller (1) Future of fast networks	G. Müller (2) Future of fast networks		R.F. Churchhouse (1) Cipherring algorithms	R.F. Churchhouse (2) Cipherring algorithms	E x c u r s i o n
17.30 - 18.30		R.W. Dobinson Tutorial	R.W. Dobinson Tutorial		H.F. Hoffmann (1) 'Deutsches Forschungs Netz'	R.W. Dobinson Tutorial	
	Sunday 27 August	Monday 28 August	Tuesday 29 August	Wednesday 30 August	Thursday 31 August	Friday 1 September	Saturday 2 September
09.00 - 10.00	E X C U R S I O N	R. Frühwirth (1) Track and vertex fitting	R. Frühwirth (2) Track and vertex fitting	A. Norton (1) Pattern recognition and event reconstruction	A. Norton (2) Pattern recognition and event reconstruction	A. Norton (3) Pattern recognition and event reconstruction	D E P A R T U R E
10.00 - 11.00		R.W. Dobinson Future triggers and data acquisition	B. Carpenter HEPnet	W.J. Haynes (1) Data acquisition for HERA experiments	W.J. Haynes (2) Data acquisition for HERA experiments	P. Zanella 30 years computing at CERN	
11.30 - 12.30		F. Carminati (1) Vector processors in HEP	F. Carminati (2) Vector processors in HEP	K.-H. Becks (1) Expert systems in data acquisition	K.-H. Becks (2) Expert systems in data acquisition	E. Malandain Diagnostic expert systems for accelerators	
16.30 - 17.30		M. Birrittella (1) Si versus GaAs	M. Birrittella (2) Si versus GaAs		D.O. Williams (1) Computing at CERN in the nineties	D.O. Williams (2) Computing at CERN in the nineties	
17.30 - 18.30		K. Bowler (1) Large transputer arrays	K. Bowler (2) Large transputer arrays		A. Bradier (1) Overview of work in Esprit	A. Bradier (2) Overview of work in Esprit	

Acceptance/Refusal Questionnaire

- ✓ P. Alvarez de Lara Sanchez *no* ^{1.6.89}
✓ B. Berg ✓ E.W. Anderson
J. Bernier
✓ C. Boissat
✓ U. Buchner
✓ M. Caccia
✓ G. Carnegie
✓ J. Caves
✓ C. Chen
M. Commandeur - *no* 25.4.89
D. Courvoisier A. Cherubini - *no*
✓ G. D'Agostini ✓ M.C. Chow
✓ G. Dalgeir
✓ B. de la Cruz Martinez
✓ H. Döbbling
✓ E. Durieux
✓ D. Drummond
✓ S. Egli ✓ S. Eichenberger
✓ P. Erhard
✓ E. Evrard
✓ T. Fadgyas
✓ O. Fiestas-Tejada
✓ M. French
D. Gähwiler - *no*
✓ D. Gaunt
C. Gavilanes
G.-O. Glentis
✓ J. Gomes
✓ P.M. Hallam-Baker
✓ A. Hemker
✓ C. Isnard
✓ Z. Jakubowski
✓ A. Johansson
✓ S.M. Keh
P. Larrieu
✓ L. Li
✓ D. Linnhöfer
✓ W. Lu
✓ E.T.M. Machado
✓ P. Mähönen
✓ G. Mamane - *no* 31.5.89
✓ A. Marco-Gimeno
✓ M. Marquina
✓ R. Martinelli
✓ H.-T. Meinholz ✓ C. Milardi
✓ J.-M. Naef
G. Oakes - *no* 12.5.89
✓ A. Ogle
✓ Y. Pan
✓ A. Pastore
✓ U. Post
✓ A.M. Pratas Coelho da Silva
✓ V. Punkka
✓ T. Ramsøy
✓ M. Reis
✓ M. Röhner
✓ A. Roth
✓ P. Routenburg
✓ D. Schall
✓ S. Spahni
✓ A. Sterbini
✓ A. Sweeney
✓ A.A. Syed
✓ S.R. Tonse
✓ G. Tysarczyk ✓ J.H. van Dijk
✓ S. Verasani
✓ M. Vidal
P. Vikas
✓ G. Vouros
✓ H. Walseth
✓ M.F. Watts ✓ K.H. Watzlawitz
✓ C.M.L. Werner
✓ B. Wessels
✓ T. Woeniger

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