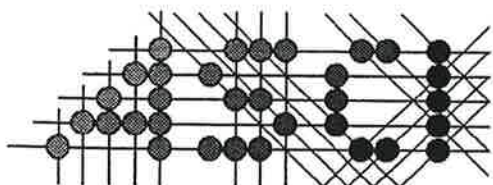
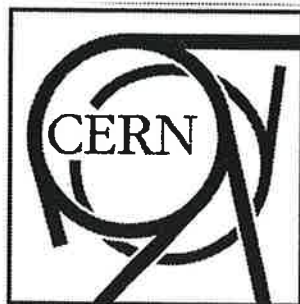


*Jaakke*  
MASTER  
1996 CERN School of Computing

PROGRAMME



Advanced School for Computing and Imaging



Egmond aan Zee, The Netherlands  
8-21 September 1996

JT 19-2-96

Scientific Programme 1996  
updated: 19 February 1996

	Sun. 8 Sept.	Mon. 9 Sept.	Tue. 10 Sept.	Wed. 11 Sept.	Thur. 12 Sept.	Fri. 13 Sept.	Sat. 14 Sept.	
09.00 - 10.00	Registration All Day	9.30-10.00 Opening talk ASCI/CERN	Theme I Image Filtering 1 I.T. Young	Theme I Neural Networks 2 J.G. Taylor	Theme NEH Networking & Electronic Highway 1 F. Flückiger	Theme PDC Distributed Computing 2 A. Tanenbaum	Lunch	
10.00 - 11.00		Theme DAS Data Acquisition Technologies for LHC Experiments S. Cittolin	Theme PDC Parallel/Cluster 3 K. Hwang	Theme I Quantitation and Symbolic Models A.W. Smeulders	Theme I Image Coding Techniques J. Biemond	Theme I Scale Space1 T. Lindeberg		
11.00 - 11.30		Coffee	Coffee	Coffee	Coffee	Coffee		
11.30 - 12.30		Theme PDC E. Odijk Role of Computing Systems in Industry	Introduction to Laboratory work Staff	Lab Access <i>Theme?</i>	Lab Access <i>Theme?</i>	Theme PDC Distributed Computing 3 A. Tanenbaum		
12.30 - 14.00		Lunch	Lunch	Lunch	Lunch	Lunch		
14.00 - 15.00		Theme PDC Parallel/Cluster 1 K. Hwang	Theme I Computer Vision: Evolution and Promise T.S. Huang	Free	Theme NEH Networking & Electronic Highway 2 F. Flückiger	Theme I Scale Space 2 T. Lindeberg		
15.00 - 16.30		Free	Lab Access <i>Theme?</i>	Lab Access <i>Theme?</i>	Lab Access <i>Theme?</i>	Excursion Afternoon		
16.30 - 17.00		Coffee	Coffee	Coffee	Coffee			
17.00 - 18.00		Theme I Image Enhancements: Some Insights T.S. Huang	Theme I Neural Networks 1 J.G. Taylor	Free	Theme I Image Sequence Techniques J. Biemond			
18.00 - 19.00		Theme PDC Parallel/Cluster 2 K. Hwang	Theme I Image Filtering 2 I.T. Young	Theme I Physical Models and Quantitation A.W. Smeulders	Theme PDC Distributed Computing 1 A. Tanenbaum			
19.00 - 20.30		Dinner	Welcome Drink Dinner	Dinner	Dinner	Dinner		Dinner
20.30 - 21.30		Free	Free	Guest Lecture Chanovsky	Free			

Theme I: Imaging  
Theme PDC: Parallel and Distributed Computing  
Them: NEH: Networks and Electronic Highway



	Sun. 15 Sept.	Mon. 16 Sept.	Tue. 17 Sept.	Wed. 18 Sept.	Thur. 19 Sept.	Fri. 20 Sept.	Sat. 21 Sept.
09.00 - 10.00		<i>Theme MLPT</i> Report on LCRB Workshop, Padova M. Delfino	<i>Theme CES</i> EDMS - Concepts, Motivations and Basic Requirements A.-P. Hameri	<i>Theme DAS</i> Micro-Kernel Operating Systems F. Riccardi	<i>Theme DAS</i> Distributed Object Oriented Programming and Formal Methods F. Riccardi	<i>Theme DI</i> Detectors/Imaging L. Bauerdick	Departure
10.00 - 11.00		<i>Theme CES</i> Engineering Problem Statement H. Hoffman	<i>Theme CES</i> Integration of LHC Experiments H. Hoffmann	<i>Theme CES</i> Discussionware W. Bauerfeld	<i>Theme CES</i> An Overview of Various Numerical Simulations used in Automotive Design G. Lonsdale	<i>Theme MPLT</i> Structured Parallel Programming 2 J. Darlington	
11.00 - 11.30		<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>	
11.30 - 12.30		<i>Theme MPLT</i> Introduction to Java S. Smith	<i>Theme MPLT</i> Java S. Smith	<i>Theme MPLT</i> Languages 2 H. Sips	<i>Theme MPLT</i> Structured Parallel Programming 1 J. Darlington	<i>Theme DI</i> Image Processing 2 R. Bock	
12.30 - 14.00		<i>Lunch</i> Free	<i>Lunch</i> <i>Theme CES</i> Demonstration: CAD/CAM N. Hoimyr	<i>Lunch</i> Excursion Afternoon	<i>Lunch</i> Free	<i>Lunch</i> 14.30 <i>Theme CES</i> Parallel & Distributed Crash Simulation G. Lonsdale	
15.00 - 16.30		<i>Theme MPLT</i> Demonstration: Java S. Smith	<i>Theme MPLT</i> Tutorial Java S. Smith		<i>Theme MPLT</i> Tutorial Java S. Smith		
16.30 - 17.00		<i>Coffee</i>	<i>Coffee</i>		<i>Coffee</i>		
17.00 - 18.00		<i>Theme CES</i> CAD/CAM and the exchange of Product Data N. Hoimyr	<i>Theme DAS</i> Distributed Operation Systems F. Riccardi		<i>Theme DI</i> Detectors/Imaging L. Bauerdick		
18.00 - 19.00		<i>Theme MPLT</i> Languages 1 H. Sips	<i>Theme CES</i> Internet tools Web in Remote Engineering W. Bauerfeld		<i>Theme DI</i> Image Processing 1 R. Bock	BBQ	
19.00 - 20.30	Dinner	<i>Dinner</i> evening lecture Veltman (pending)	<i>Dinner</i>	<i>Dinner</i>	<i>Dinner</i>		
20.30 - 21.30							

Theme DAS: Data Acquisition Systems  
 Theme CES: Collaborative Engineering and Simulation  
 Theme DI: Detectors/Imaging  
 Theme MPLT: Modern Programming Language Trends

## ADVISORY COMMITTEE

W. Carena	CERN, ECP Division, 1211 Geneva 23, Switzerland
F. Etienne	CPPM, IN2P3-CNRS, Université d'Aix-Marseille II, 163 Avenue de Luminy, 13288 Marseille Cedex 09, France
F. Flückiger	CERN, CN Division, 1211 Geneva 23, Switzerland
L.O. Hertzberger	University of Amsterdam, Faculty of Mathematics, Computer Science, Physics and Astronomy, Kruislaan 403, 1098 SJ Amsterdam, The Netherlands
A.J.G. Hey (Chairman)	University of Southampton, Dept. of Physics, Southampton, SO9 5NH, U.K.
W. Hoogland	NIKHEF, P.O. Box 41882, Kruislaan 409, 1009 DB Amsterdam, The Netherlands
G. Kellner	CERN, ECP Division, 1211 Geneva 23, Switzerland
M. Metcalf	CERN, CN Division, 1211 Geneva 23, Switzerland
P. Palazzi	CERN, ECP Division, 1211 Geneva 23, Switzerland
J.F.M. Tonino	Delft University of Technology, P.O. Box 356, 2600 AJ Delft, The Netherlands
J. Turner (School Secretary)	CERN, CN Division, 1211 Geneva 23, Switzerland
P.H.A. Van Dam	NIKHEF-H, P.O. Box 41882, Kruislaan 409, 1009 DB Amsterdam, The Netherlands
C.E. Vandoni (Scientific Secretary)	CERN, CN Division, 1211 Geneva 23, Switzerland
D.O. Williams	CERN, CN Division, 1211 Geneva 23, Switzerland
I.T. Young	Delft University of Technology, Faculty of Applied Physics, Lorentzweg 1, 2628 CJ Delft, The Netherlands.

## LOCAL ORGANISING COMMITTEE

R. Blokzijl	NIKHEF, P.O. Box 41882, Kruislaan 409, 1009 DB Amsterdam, The Netherlands
R. De Beer	ASCI, Delft University of Technology, P.O. Box 356, 2600 AJ Delft, The Netherlands
A.G. Hoekstra	University of Amsterdam, Faculty of Mathematics, Computer Science, Physics and Astronomy, Kruislaan 403, 1098 SJ Amsterdam, The Netherlands
J.F.M. Tonino	ASCI, Delft University of Technology, P.O. Box 356, 2600 AJ Delft, The Netherlands
P.H.A. van Dam (Chairman)	NIKHEF, P.O. Box 41882, Kruislaan 409, 1009 DB Amsterdam, The Netherlands
W.M. van Leeuwen	NIKHEF, P.O. Box 41882, Kruislaan 409, 1009 DB Amsterdam, The Netherlands
M. Wielenga	NIKHEF, P.O. Box 41882, Kruislaan 409, 1009 DB Amsterdam, The Netherlands