elettra

Sincrotrone Trieste

Third Users' Meeting

December 4-5, 1995

I.C.T.P.
Strada Costiera, 11
TRIESTE

Under the auspices of the Ministry of University and Scientific and Technological Research (M.U.R.S.T.)

P R O G R A M

The meeting will be held at the Main Building of the International Centre for Theoretical Physics (I.C.T.P., Strada Costiera 11 - Miramare, Trieste) on December 4th and 5th, 1995.

Program

December 3 rd

17.00 - 20.00 :	Registration and Welcome cocktail at the International Centre for Theoretical Physics

December 4 th

08.15 - 08.45 :	Registration
08.45 - 09.15 :	*Welcome :* *L. Fonda, Vice President - Sincrotrone Trieste* *G. Viani, Managing Director - Sincrotrone Trieste*
Chair :	**L. Fonda**
09.15 - 10.00 :	*A. Wrulich, Sincrotrone Trieste* "Status of ELETTRA"
10.00 - 10.45 :	*R. Rosei, Sincrotrone Trieste* "Status of the ELETTRA Beamlines"
10.45 - 11.00 :	*Coffee break*
Chair :	**P. Perfetti**
11.00 - 11.30 :	*N.W. Smith, Advanced Light Source - U.S.A.* "Programs and Opportunities at the Advanced Light Source"
11.30 -12.00 :	*L. Fonda, Sincrotrone Trieste* "Research with Emission Electron Diffraction and Holography"
12.00 -12.30 :	*C. Quaresima, C.N.R. - I.S.M. - Italy* "Beamline 3.2 - First Results with Very High Resolution and Flux "
12.30 -13.30:	*Lunch*
13.30 -14.30:	Poster Session
Chair:	**G. Rossi**
14.30 - 15.00 :	*Yuen-Chung Liu, S.R.R.C. - Taiwan* "Present Status of S.R.R.C."
15.00-15.30 :	*M. Colapietro, Università "La Sapienza" - Italy* "Research with X-Ray Diffraction Beamline"
15.30-16.00 :	*G. Leonard, Manchester University - U.K.* "Macromolecular Crystallography and S.R."
16.00-16.30 :	*R. Hilgenfeld, HOECHST AG - Germany* "Macromolecular Crystallography and Drug Design"
16.30-16.50 :	*H. Amenitsch, Ö.A.W . - Austria* " SAXS Beamline"
16.50 -17.05 :	*Coffee break*
17.05 -19.00 :	General meeting of the ELETTRA Users *moderators: P. Perfetti and P. Laggner*
20.00:	*Conference dinner*

December 5 th

Chair:	**R. Rosei**
08.45-09.00:	*Address by S. Ceccotti, President Regione Autonoma Friuli-Venezia Giulia*
09.00-09.30 :	*I. Lindau, MAX Lab - Sweden* "Max II"
09.30-10.00 :	*M. Kiskinova, Sincrotrone Trieste* "First Results of the ESCAMicroscopy Beamline"
10.00-10.30 :	*M. Howells, Advanced Light Source - U.S.A.* "Developments in X-ray Holography using Undulator Radiation"
10.30-10.45-	*Coffee Break*
Chair :	**A.Wrulich**
10.45-11.15 :	*D. Caldwell, National Science Foundation - U.S.A.* "High-Resolution Studies of Open Shell Atoms"
11.15-11.45 :	*K. C. Prince, Sincrotrone Trieste* "Beamline 3.2 - First Results with Very High Resolution and Flux"
11.45-12.10 :	*G. Paolucci, Sincrotrone Trieste* "SuperESCABeamline"
12.10-12.40 :	*M. Onellion, University of Wisconsin-Madison - U.S.A.* "Lies, Sex and and High Temperature Superconductors"
12.40-13.00:	*B. Gasperetti, Sincrotrone Trieste* "Industrial Spinoff of ELETTRA and Micromechanics"
13.00-13.15:	*J. Mohr, Forschungszentrum Karlsruhe - Germany* "Fabrication of Microstructures Using Synchrotron Radiation"
13.15-14.00-	*Lunch*
Chair :	**A. Franciosi**
14.00-14.20 :	*F. Wuilleumier, LURE - France* "An Experimental Comparison of Second and Third Generation Synchrotron Radiation Sources Using Gas Phase Photoelectron Spectrometry"
14.20-14.40 :	*F. Cerrina, CXRL - U.S.A.* "Status of Supermaximum"
14.40-15.00 :	*G. Rossi, ETH, Switzerland* "Linear Magnetic Dichroism in the Angular Distribution of Photoelectrons: Measurements at High Kinetic Energy at Elettra"
15.00-15.20 :	*M. De Simone, CNR-IMAI - Italy* "Variable Photon Energy Photoelectron Spectroscopy of Transition Metal Complexes"
15.20-15.40 :	*C. Uebing, Max Planck Inst. - Germany* "The Structure of the Two-dimensional MoN Surface Compound on Fe-3.5% Mo-N(100) Studied by X-ray Photoelectron Diffraction"
15.40-16.00 :	*R. Camilloni, CNR-IMAI - Italy* "Auger Decay of the Resonantly Excited $2p_{3/2}{}^{-1}{}_{,1/2}$ nl States of Argon"
16.00-16.20:	*Coffee break*
16.20-16.40 :	*E. Gratz, T.U. Wien - Austria* "Temperature and Pressure Induced Phase Transition in $RENi_2$ (RE= Rare Earth)"
16.40-17.00 :	*A. Athanasiadis, S. Pongor, I.C.G.E.B. - Italy* "The Structure of The Pvu II Restriction Enzyme at Higher Resolution"
17.00-17.20:	*G. Tromba, Sincrotrone Trieste* "The SYRMEP Project: Beamline and Detector Status"
17.20-17.40 :	*M. Reconditi, Florence University - Italy* "Structural Changes in Myosin Accompanying Force Development and Steady Shortening in Single Intact Fibres from Frog Skeletal Muscle"

Further information

"ELETTRA Users' Meeting" Local Committee
c/o Users Office - Sincrotrone Trieste SCpA
Padriciano, 99 - 34012 Trieste, ITALY
Phone ++39-40-3758628-8538 - Fax ++ 39-40-3758565
E-Mail: useroffice@elettra.trieste.it

The **registration fee** is of Lit. 50.000 (V.A.T. included). Payments must be made at the Registration desk.

During the meeting, a Technical Exhibit presenting some instrumentation related to synchrotron radiation research will take place at the ICTP, Main Building, Seminar Room.

The **conference dinner** will take place at the restaurant "Hotel Riviera", Strada Costiera 22, 34010 TRIESTE.
The cost is Lit. 65.000. Banquet tickets are available at the registration desk.

Lunch is available at the ICTP Cafeteria form 12.00 to 14.00. Payment must be made directly at the Cafeteria.

Payment for the Guesthouse must be made in Italian liras at the Guesthouse Reception.
A Bank subsidiary is available at the Adriatico Guesthouse from 08.30 to 12.00 and from 13.30 to 16.00.

Program Committee

Luciano Fonda (ST)
Alfonso Franciosi (TASC)
Peter Laggner (ÖAW)
Giorgio Margaritondo (ST & EPFL)
Paolo Perfetti (CNR-ISM)
Carlo Rizzuto (INFM)
Renzo Rosei (ST)
Adolfo Savoia (ST)
Giuseppe Viani (ST)
Danilo Zavrtanik (JSI)

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Salvo Nadrah
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Letizia Pierandrei
Elda Radosic
Adolfo Savoia
Romina Skabar
Marina Torelli

Acknowledgements:

AREA Science Park
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