8th European SoftColl Meeting October 20th/21st 1994

Agenda (Final revision)

Thursday, October 20th, 1994.

9.00 Welcome & introduction to the meeting (D. Bulfone, ELETTRA)
9.15 Status and new projects in progress in our institutes
- CERN PS Controls Rejuvenation Project (F. Di Maio)
- ESRF (W.D. Klotz, ESRF)
- Outphasing completed, modification plans for BESSY II (G. v.Egan-Krieger, BESSY)
- Adaptation strategy for the Bessy UIMS (T. Birke, BESSY)
- Elettra (D. Bulfone, ELETTRA)

11.15 Coffee-break
11.30 Visit to Elettra: control room and beamlines.
13.30 Lunch at *AREA* Cafeteria.
14.30 Software Bus and related discussions
Current abstractions for equipment access from application programs.
- Equipment classes in PS (F. Di Maio, CERN PS)
- Equipment Interface at Esrf (A. Götz, ESRF)
- Equipment Classes at console level (R. Lange, BESSY)
- Elettra's data association (C. Scafuri, ELETTRA)
- EPICS event-driven data access (P. Surace, ELETTRA)
- CERN PS MDR (C.H. Sicard, CERN PS)
- The CICERO collaboration and Cortex (K. Kostro, CERN-SL)
- Another device server concept (G. v.Egan-Krieger, BESSY)

16.30 Coffee break
16.45 New software technologies for transparent data access
- Presentation on CORBA (C.H. Sicard, CERN PS)
- Presentation on OLE (W-D. Klotz, ESRF)
- ESRF data collector (A. Götz, ESRF)
- A proposed Software Bus standard (A. Götz, ESRF)

20.00 Meeting Banquet

Friday, October 21st, 1994.

9.00 Open discussion on experiences - part I:
Control room software and related tools.
- Software organization and users feedback (F. Potepan, ELETTRA)
- Error reporting (C. Scafuri, ELETTRA)
- Moving to OO in equipment access and applications (F. Di Maio, CERN PS)
- Application example of an API interpreter (R. Müller, BESSY)

- UI builders: Present status. (F. Di Maio, CERN PS)
- Graphics tools for machine and beamlines (J-M.Chaize, ESRF)

Systems and communications.

- WWW as a documentation framework (P. Surace, ELETTRA)
- BESSY II insertion device interface (G. v.Egan-Krieger, BESSY)
- Integration of an industrial stand-alone PC-controller (G. v.Egan-Krieger, BESSY)
- Reliability of installed hardware at Elettra (M. Lonza, ELETTRA)

11.15 Coffee-break

11.30 Open discussion on experiences - part II:

Real time kernels.

- Experiences with LynxOS (J. Krempasky, ELETTRA)

Experimental physics controls and applications.

- The WANF control system (K. Kostro, CERN-SL)
- Users' feedback with the beamline control system MMI (A. Abrami, ELETTRA)
- Photon BPM: a case study for instrumentation controls (A. Galimberti, ELETTRA)
- ESCATON: a new detector for real time resolved ESCA (A. Steindler, ELETTRA)

13.30 Lunch at *AREA* Cafeteria.

14.30 Comments and possible common actions.

15.30 Concluding remarks.