

Appendix to the Memorandum of Understanding of the BGO-OD Collaboration at ELSA

as of March 8, 2010

This appendix to the Memorandum of Understanding of the BGO-OD Collaboration at ELSA specifies the share of responsibilities between the participating institutions.

It may be readjusted according to the requirements of the experiments, in particular if the participating institutions change.

Beginning from the date specified above the following responsibilities are taken over or shared:

- Physikalisches Institut (ELSA)
 - provision of the basic infrastructure for the experiments
 - provision of the ELSA electron beam
 - tagger magnet and electron beam-dump
 - tagger detector instrumentation and electronics
 - trigger electronics and data acquisition
 - *OpenDipole* spectrometer magnet and power supply
 - drift chambers
 - aerogel Cherenkov detector
 - time-of-flight detector
- Helmholtz Institut für Strahlen- und Kernphysik
 - MOMO detector and related electronics
 - SciFi2 detector and related electronics
 - Si micro-vertex detectors
- INFN-LNF and University, INFN of Roma “Tor Vergata” and INFN Roma1
 - BGO Rugby Ball detector and electronics
 - Scintillator barrel detector and electronics
 - BGO trigger
 - BGO calibration and monitoring system
- University and INFN Pavia and Torino
 - Cylindrical MWPC
- University of Messina
 - H2/D2 target system

- University of Edinburgh
 - recoil polarimetry
- University of Kharkov
 - relative flux measurement
- University of Moscow
 - front end electronics for cylindrical MWPCs
 - absolute flux measurement
- PNPI Gatchina
 - drift chambers and readout electronics
 - tagger detector instrumentation and electronics
- University of Basel
 - aerogel Cherenkov detector