



ACTAR WORKSHOP

BORDEAUX (CENBG) June 16-18, 2008

Program

*An ACTAR workshop will be held at CENBG near Bordeaux (France) on June 16-18, 2008.
The following is the program.*

1. Opening address from *Bernard Haas*, Director of CENBG (10 min)
2. Introduction - the physics program : *Emanuel Pollacco* (10 min)
 - a. CENBG - CENBG TPC - *Bertram Blank* (20 min)
 - b. GANIL - ACTAR - *Herve Savajols* (20min)
 - c. Saclay - R3B TPC - *Jean Eric Ducret* (20min)
 - d. MSU - MSU-TPC - *Wolfi Mittig* (20min)
 - e. Discussion (20min)
 - f. R3B Active Target- GSI- *Peter Egelhof* (20min * June 18 9:00)
3. Instrumentation overview, constraints on energy an deadtime:
 - a. TPC measurements at GSI . *Jean Eric Ducret* (10min)
 - b. Active target measurements. *Wolfi Mittig* (10min)
 - c. Measurements of multi-particle events . *Jerôme Pibernat*(10min)
 - d. Discussion (60min)
4. Electro-Mechanics for TPCs
 - a. Short overview of the working group:- *Emanuel Pollacco* (10min)
 - b. Current solutions for point-to-point contacts between pads and the very front end electronics. Protection of the front end electronics - *Frederic Druillolle* (20min)
 - c. Large Bulk Micromegas for the T2K/TPC - *Alain Delbart* (20min)
 - d. Discussion (45 min)
5. AFTER+
 - a. Functionality and possible applications to AFTER+ - *P. Baron* (30min)
 - b. Extraction of charge, position and time measures from such a device from the AFTER - *Eric Delagnes* (20min)
 - c. Technical discussion (50min)
6. System Architecture - *discussion on integration of other instrumentation (Time-Stamping), data rates, COTS availability, hardware software developments (with possible time schedule) and risk implication.*
 - a. A possible solution to fit in the Acquisition hardware - *Gilles Wittwer* (20min)
 - b. A possible solution to fit in the MSU requirements - *Nathan Usher* (20min)
 - c. DAQ ANTARES a possible model - *Hervé Le Provost* (20min)
 - d. Overview of the requirements and how they can be met - *Jean-Louis Pedroza* (10min)
 - e. Discussion (65min)
7. Acquisition software
 - a. Data Acquisition at GANIL and ACTAR requirements. Run Control and Slow Control options being adopted at GANIL - *Frederic Saillant* (20 min)
 - b. Possible MSU contribution (20 min)
 - c. Possible KYOTO contribution (20 min)
 - d. R3B TPC and Fitting it in the GSI acquisition - *Jean Eric Ducret* (20 min)
 - e. Discussion (45 min)
8. Project Organisation:
 - a. Organising the project: responsibility and methods
 - b. Cost model
 - c. PBS
 - d. Budget and delays
 - e. Schedule
 - f. Conclusion