Agenda of  
the Fourth International Technical Advisory Committee Meeting on the  
Accumulator Cooler Ring in MUSES Project at RIKEN RI Beam Factory  

Nov. 20 - 22, 2000  
The Second floor Meeting Room at Nishina Building of RIKEN  

Nov. 20 (Mon.)  
Session 1 (9:30-10:40)  
Chairman: D. Möhl  
- 9:30 Opening (T. Katayama, RIKEN)  
- 9:40 Overview and Status of RIKEN RIBF (Y. Yano, RIKEN)  
- 10:10 Overview and Status of MUSES Project (T. Katayama, RIKEN)  
- 10:40 Coffee Break  

Session 2 (11:00-12:50)  
Chairman: A. Skrinsky  
- 11:00 Proton Scattering at ACR (H. Sakaguchi, Kyoto Univ.)  
- 11:20 Mass Measurement at ACR (H. Sakurai, Univ. of Tokyo)  
- 11:50 Plasma Physics on ACR (A. Sakumi, RIKEN)  
- 12:10 e-A Colliding Experiment (T. Suda, RIKEN)  
- 12:30 X-ray-RI Colliding Experiment (M. Wakasugi, RIKEN)  
- 12:50 Lunch  

Session 3 (14:00-15:00)  
Chairman: B. Franzke  
- 14:00 RI Beam Separator for MUSES (C. Yun, RIKEN)  
- 14:20 Beam Transport to ACR (M. Okamura, RIKEN)  
- 14:40 Quality of RI Beams in ACR (N. Inabe, RIKEN)  
- 15:00 Coffee Break  

Session 4 (15:30-16:20)  
Chairman: R. Pollock  
- 15:30 Design of the ACR Lattice (K. Ohtomo, RIKEN)  
- 16:00 COD Correction and Tuning of ACR (T. Watanabe, RIKEN)  

Nov. 21 (Tue.)  
Session 5 (9:30-10:30)  
Chairman: F. Caspers  
- 9:30 Stochastic Cooling at ACR (M. Wakasugi, RIKEN)  
- 10:00 Electron Cooling at ACR (T. Tanabe, RIKEN)  
- 10:30 Coffee Break  

Session 6 (11:00-12:00)  
Chairman: I. Meshkov  
- 11:00 Beam Instability in ACR (M. Takanaka, RIKEN)  
- 11:20 Storage of Intense Ion Beam in ACR (P. Zenkevitch, ITEP)
11:40 Machine Control System  (T. Tanabe, RIKEN)
12:00 Lunch

**Session 7 (13:30-14:40)**
**Chairman**  D. Möhl
13:30 Design of e-RI collider  (N. Inabe, RIKEN)
14:00 R&D study for Stochastic Cooling (M. Wakasugi, RIKEN)
14:20 R&D study for Electron Cooling (I. Watanabe, Toshiba)
14:40 Coffee Break

**Session 8 (15:10-16:30)**
**Chairman**  B. Sharkov
15:10 R&D study of Fast Kicker Magnet (T. Ohkawa, RIKEN)
15:30 R&D study of RF Cavity (K. Ohtomo, RIKEN)
15:50 R&D study of Laser Ion Source (T. Takeuchi, RIKEN)
16:10 Space Charge Effect in RIKEN Cyclotron (S. Vorojtsov, JINP)
18:00 Banquet at Hirosawa Club

**Nov. 22 (Wed.)**
9:30 TAC Closed Session
11:00 Coffee Break
11:30 Discussion with TAC and RIKEN
12:40 Lunch
14:30 Comments from Committee
15:00 End of TAC Meeting