

# KIMS collaboration meeting

August.23~24. SNU Building 23 Room 417-agenda-

## 23rd (Thu.) 1:30 pm – 6:00 pm

<Session 1>

1:30-1:50 : Simulations of PMT backgrounds (Jaekeum Lee) 20min

1:50-2:10 : KIMS alpha analysis (SeungSook Myung) 20min

2:10-2:30 : KIMS PMT noise (Junghoon Choi) 20min

2:30-2:50 : Tetratex tests (SeungCheon Kim) 20min

2:50-3:10 : KIMS background summary (SeongSook Myung) 20min

3:10-3:40 : Coffee Break 30min

<Session 2>

3:40-4:00 : Summary on quenching factor (Juhee Lee) 20min

4:00-4:20 : Summary on channeling effects (Juhee Lee) 20min

4:20-4:40 : KIMS cuts and efficiencies (JungHoon Choi) 20min

4:40-5:00 : Annual modulation results( JungHoon Choi) 20min

5:00-5:20 : Summary of Y2L maintenance (BongHee Kim) 20min

5:20-5:40 : Plan of low mass WIMP search with existing KIMS data (HyunSu Lee) 20min

## 24th (Fri) 10:00 am - 5:00 pm

<Session 3>

10:00-10:20 : KIMS New PMT tests (Kyungwon Kim) 20min

10:20-10:40 : KIMS VM2000 tests (Kyungwon Kim) 20min

10:40-11:00 : KIMS upgrade plan (Yeongduk KIM) 20min

11:00-11:20 : Coffee Break 20min

<Session 4>

11:20-11:40 : KIMS temperature control plan (SeungCheon Kim) 20min

11:40-12:00 : KIMS muon detector tests and upgrade (WoonGu Kang) 20min

12:00-12:20 : Measurements on NaI powder (Jeong-Yeon Lee & Namyong Kim) 20min

12:20-13:30 : Lunch 70min

<Session 5>

13:30-13:50 : Summary of  $^{40}\text{Ca}^{100}\text{MoO}_4$  backgrounds (Jungho So) 20min

13:50-14:10 : Summary of Low Temp.  $\text{CaMoO}_4$  tests (Geon-Bo Kim) 20min

14:10-14:30 : Summary of simulation of AMoRE (SeungSook Myung) 20min

14:30-15:00 : Coffee Break 30min

<Session 6>

15:00-15:20 : Perspectives of low temp  $\text{CaMoO}_4$  (Yong-Ham Kim) 20min

15:20-15:40 : Cryogenics for AMoRE (Li Jin) 20min

15:40-16:00 : Plan of installing refrigerator (Yong-Ham Kim) 20min

16:00-16:20 : Plan for prototype detector (Hongjoo Kim) 20min

16:20-17:00 : Discussion

18:00-20:00 : Group Dinner