PCTS Workshop

Dark Matter: Direct Detection and Theoretical Developments

November 15-16, 2010

Schedule (Preliminary)

Monday, November 15

9:00 - 9:50    Pierluigi Belli: DAMA results
9:50-10:40    Juan Collar: An update on COUPP and CoGeNT
10:40-11:10   Coffee break
11:10-12:00   Elena Aprile: XENON100 status and results
12:00-1:30    Lunch break
1:30 - 3:30   Discussion led by Peter Sorensen: low-energy nuclear recoils in Xe
1:30 - 2:05   Talk by Peter Sorensen
2:05 - 2:40   Talk by Guillaume Plante
               Continuing discussion until 3:30
3:30 - 3:50   Coffee break
3:50 - 4:15   Rafael Lang: Alternative empirical explanation of DAMA
4:15 - 4:40   Kathryn Zurek: The light dark matter scenario
4:40 - 5:05   Paolo Gondolo: The role of channeling in direct detection
5:05 - 5:30   Rouven Essig: Dark sectors and the APEX experiment
5:30 - 6:00   Open discussion

Tuesday, November 16

9:00 - 9:50   James Battat: Directional DM detection with DMTPC
9:50-10:40    Franz Pröbst: CRESST results
10:40-11:10   Coffee break
11:10-12:00   Blas Cabrera: CDMS results and prospects for future Ge detectors
12:00-1:30    Lunch break
1:30 - 2:20   Cristiano Galbiati: DarkSide status
2:20 - 2:30   Coffee break
2:30 - 2:55   Lisa Randall: Xogenesis and Weak Scale Dark Matter
2:55 - 3:20   Neal Weiner: TBA
3:20 - 3:45   Gordy Kane: String theory and Xenon100
3:45 - 4:15   Open discussion
4:15 - 4:45   Coffee break
4:45 - 5:10   Dan Hooper: The case for 7 GeV Dark Matter
5:10 - 5:35   Carlos Wagner: TBA
5:35 - 6:00   Open discussion