

DARK SIDE II – SCHEDULE OF TALKS

JUNE 9–JUNE 13, 2008

335 WEST HALL

MONDAY, JUNE 9TH

- 9:30-10:30 am** **COFFEE and BAGELS (3481 Randall Lab)**
- 10:00-10:50 am** **Gordon Kane (University of Michigan)**
“Using LHC to Distinguish Kinds of LSP WIMPs, and on Measuring the Parameters Needed to Compute the Relic Density”
- 10:50-11:40 am** **Kenji Kadota (University of Minnesota)**
“Sterile Neutrino Dark Matter in Warped Extra Dimensions”
- 11:40-12:30 pm** **Pierre Salati (laboratoire d'Annecy-le-Vieux de physique théorique)**
“Cosmic Rays, WIMPs and Dark Matter Clumps”
- 3:30-4:30 pm** **COFFEE BREAK (3481 Randall Lab)**

TUESDAY, JUNE 10TH

- 9:30-10:30 am** **COFFEE and BAGELS (3481 Randall Lab)**
- 10:00-10:50 am** **Yun Wang (University of Oklahoma)**
“Dark Energy: Current Constrains and Future Prospects”
- 10:50-11:40 am** **Emil Mottola (Los Alamos National Laboratory)**
“Cosmological Dark Energy: Prospects for a Dynamical Theory”
- 11:40-12:30 pm** **Leonard Parker (University of Wisconsin, Milwaukee)**
“Amplitude of Perturbations from Inflation”
- 3:30-4:30 pm** **COFFEE BREAK (3481 Randall Lab)**

WEDNESDAY, JUNE 11TH

- 9:30-10:30 am** **COFFEE and BAGELS (3481 Randall Lab)**
- 10:30-11:20 am** **Thomas Flacke (University of Michigan)**
“New Dark Matter Candidates from Non-Minimal Universal Extra Dimensions”
- 11:20-12:10 pm** **Chris Savage (University of Minnesota)**
“Status of spin-dependent couplings in WIMP detection”
- 12:10-12:30 pm** **Florian Theodor Hahn-Woernle (Max Planck Institute for Physics)**
“Effects of Reheating on Leptogenesis”
- 3:00-4:00 pm** **COFFEE BREAK (3481 Randall Lab)**
- 4:00-5:00 pm** **Jeff McMahon (University of Chicago)**
“South Pole Telescope talk”

THURSDAY, JUNE 12TH

- 9:30-10:30 am** **COFFEE and BAGELS (3481 Randall Lab)**
- 10:00-10:50 am** **Alessandra Silvestri (Syracuse University)**
“Structure formation in Theories of Modified Gravity”
- 10:50-11:40 am** **Gong-Bo Zhao (Simon Fraser University, Canada)**
“The Potential of Tomographic Surveys to Detect Departures from GR Growth”
- 11:40-12:30 pm** **Robert Caldwell (Dartmouth)**
“TBA”
- 3:30-4:30 pm** **COFFEE BREAK (3481 Randall Lab)**
- 6:30** **DINNER at Palio (Details in your welcome Packet)**

FRIDAY, MAY 13TH

- 9:30-10:30 am** **COFFEE and BAGELS (3481 Randall Lab)**
- 10:00-10:50 am** **Andrew Zentner (University of Pittsburgh)**
“The Necessary Link Between the Phenomenology of Dark Energy and Galaxy Formation Processes”
- 10:50-11:40 am** **Lorenzo Sorbo (University of Massachusetts, Amherst)**
“Higgsflation at the GUT scale in a Higgsless Universe”
- 11:40-12:30 pm** **Dejan Stojkovic (SUNY at Buffalo)**
“Can Dark Energy Have Color?”
- 3:30-4:30 pm** **COFFEE BREAK (3481 Randall Lab)**