

DATE and TIME	TOPIC	SPEAKER	INSTITUTE	TALK
SUNDAY 22nd July				
9.00-10.00	Registration, introductions			
10.00-10.25	Introduction	Neil Spooner	Sheffield	Introduction to meeting and CYGNUS
10.30-11.10	Theory	Anne Green	Nottingham	How to detector capabilities affect the number of events required to detect a directional WIMP signal?
11.15-11.55	Theory	John Vergados	Ioannina	Experimental signatures expected in directional WIMP searches.
12.00-13.00	DISCUSSION			
13.00-14.00	LUNCH			
14.00-14.40	Theory	Akira Hitachi	Kochi Medical School	Quench factors and head-tail discrimination (TBC)
14.45-15.25	Simulations	Matt Robinson	Sheffield	End-end direction detector simulations
15.30-15.50	TEA			
15.50-16.25	Simulations	Alfredo Tomas	Zaragoza	Status of simulations on discrimination
16.30-	DISCUSSION			
19.30-21.30	DINNER			
MONDAY 23rd July				
9.00-9.25	Experiments	Sean Paling	Sheffield	DRIFT
9.30-10.20	Experiments	Daniel Santos	LPSC Grenoble	MIMAC
10.25-10.45	COFFEE			
10.45-11.25	Experiment	Kentaro Muitchi	Kyoto	NEWAGE
11.30-12.10	Experiment	Igor Irastorza	Zaragoza	Directional work at Canfranc (TBC)
12.15-13.00	DISCUSSION			

13.00-14.00	LUNCH at Ellerby			
14.00-14.40	Head-tail and dE/dx	Gabriella Sciolla	MIT	Some interesting results on measuring the head-tail effect with low energy neutrons
14.45-15.25	Head-tail and dE/dx	Christina Hagemann	New Mexico	Preliminary measurements of the ionization loss for low-energy nuclear recoils
15.30-15.50	TEA			
15.50-16.15	Backgrounds	Jocelyn Monroe	MIT	Neutrino backgrounds to dark matter searches
16.20-16.35	Backgrounds	Sean Paling	Sheffield	Radon emanation studies for gas directional detectors
16.40-	DISCUSSION			
19.30-21.30	DINNER			
TUESDAY 24th July				
9.00-9.35	Directional Analysis	Johanna Turk	New Mexico	Directional Studies with DRIFT-II, Part I
9.40-10.20	Directional Analysis	Dan Snowden-Ifft	Occidental	Directional Signatures from DRIFT Part II
10.25-10.45	COFFEE			
10.45-11.10	Directional Analysis	Ed Daw	Sheffield	Electronics for a directional TPC
11.15-11.45	Directional Analysis	Demitri Muna	Sheffield	Directional track reconstruction in DRIFT
11.50-12.15	Background	Tim Lawson	Sheffield	Alpha background in the DRIFT TPC
12.20-13.00	DISCUSSION			
13.00-14.00	LUNCH at Ellerby			
14.00-14.25	Future	Steve Plank	Endinburgh	Ultimate DRIFT
14.30-14.45	Future	Johanna Turk	New Mexico	KK axion detection with a dark matter TPC
14.50-15.15	Future	Phil Lightfoot	Sheffield	Operation of micromegas with negative ion gas
15.20-15.40	Future	Dan Snowden-Ifft	Occidental	Active RPR rejection
15.45-16.10	TEA			
16.10-	DISCUSSION			