



**Boulby Underground Science Workshop: BUS-2006
King's Manor, York, October 2006**

Workshop Schedule and Program of Talks

Workshop Schedule

Friday 20th October	
10:30 - 18:00	Boulby Mine Visits – Group1 Meet at King's Manor main entrance: 10:30 am. For details (and to sign-up) go to the 'Boulby Visits' link on the BUS2006 web page.
18:30 - 21:30	Pre-workshop registration and social. Night-before registration – with drinks and snacks. King's Manor – Huntington Room
Saturday 21st October	
8:30 – 9:-00	Registration & Coffee King's Manor – Huntington room
9:00 – 18:00	BUS-2006 Workshop – Day 1 King's Manor – Huntington room (PTO for programme of talks)
19:30 – 22:00	Workshop Banquet York City Art Gallery (adjacent to King's Manor)
Sunday 22nd October	
8:30 – 9:-00	Registration & Coffee King's Manor – Huntington room
9:00 – 18:00	BUS-2006 Workshop – Day 2 King's Manor – Huntington room (PTO programme of talks)
Monday 23rd October	
10:30 - 18:00	Boulby Mine Visits – Group 2 Meet at King's Manor main entrance: 10:30 am. For details (and to sign-up) go to the 'Boulby Visits' link on the BUS2006 web page.

Boulby Underground Science Workshop: BUS-2006

Program of Talks (Last updated: 6th October)

Saturday 21st October 2006

Huntingdon Room, Kings Manor, York.

Time	Title	Speaker
8:30-9:00	Registration & Coffee	
Session 1: Chair: J. Womersley		
9:00 - 9:15	Welcome + practicalities	J. Womersley CCLRC
9:15 - 9:45	Underground laboratories, science and Boulby mine	N. Spooner Sheffield
9:45 -10:05	The Boulby underground facility: A virtual tour.	S. Paling Sheffield
10:05 - 10:25	Boulby mine: past, present and future.	D. Pybus Boulby mine
Coffee & Posters		
Session 2: Chair: N. Spooner		
11:00 - 11:25	Review of direct dark matter searches	N. Smith CCLRC
11:25 - 11:45	Status of the ZEPLIN-II detector	E. Daw Sheffield
11:45 - 12:05	ZEPLIN-III: status and plans.	T.Sumner Imperial College
12:05 - 12:25	DRIFT-II: a directional dark matter detector	A. Murphy Edinburgh
Lunch		
Session 3: Chair: N. Smith		
13:30 - 13:50	Dark Matter searches with CRESST and EURECA	H. Kraus Oxford
13:50 - 14:10	ArDM - a large scale liquid argon dark matter detector.	A. Melgarejo Granada
14:10 - 14:30	Neutron and gamma background studies @ Boulby	V. Kudryavtsev Sheffield
14:30 - 14:50	ILIAS/TARI - Inter-laboratory background comparisons	D. Malczewski Silesia
14:50 - 15:10	DUSEL: An update on plans for a US national underground laboratory	J. Kotcher NSF
Coffee & Posters		
Session 4: Chair: T. Sloan		
15:40 - 16:00	0vBB decay Review	K. Zuber Oxford
16:00 - 16:20	Results, status and plans for COBRA	K. Zuber York
16:20 - 16:40	Results, status and plans for SUPERNEMO	R.Saakyan UCL
16:40 - 17:00	0vBB decay studies with Xenon	R.Luscher CCLRC
17:00 - 17:20	CUORICINO results and the status of CUORE	F. Bellini Rome
17:20 - 17:40	Low background facilities: science, applications and demand.	M.Laubenstein LNGS
7:30 - Banquet - York City Art Gallery		

Sunday 22nd October 2006
Huntingdon Room, Kings Manor, York

Time	Title	Speaker
8:30-8:50	Coffee	
Session 5: Chair: N. Spooner		
9:00 - 9:20	Boulby Practicalities, Management and Health & Safety.	N. Smith CCLRC
9:20 - 9:40	Boulby as a neutrino factory target	R. Edgecock CCLRC
9:40 - 10:00	Exploring Stars from Underground Labs: a Nuclear Perspective.	M.Aliotta Edinburgh
10:00 - 10:20	SalSA – Detection of neutrinos in salt	A.Connolly UCLA
10:20 – 10:35	DUSEL, underground science and the demand for underground labs.	D. Akerib Case Western
Coffee & Posters		
Session 6: Chair: C. Biggs, P. Wright		
11:00 – 11:20	Life in high-salt environments	B. Grant Leicester
11:20 - 11:40	Death and longevity at the salinity limits of life	T. McGenity Essex
11:40 - 12:00	Life in dolerite studies	C.Cockell Open University
12:00 - 12:20	Radon & rock deformation: the underground labs as possible strainmeters	W.Plastino Rome
12:20 – 12:40	Outreach at Boulby	P.Edwards Durham
Lunch		
Session 7: Chair: J. Womersley		
13:40 - 14:00	GLACIER/LAGUNA – proton decay and neutrino physics	N. Spooner Sheffield
14:00 - 14:20	LENA – Low Energy Neutrino Astronomy	T. Marrodan Munich
14:20 - 14:40	TPC Axion detection	M. Kuster Darmstadt
14:40 - 15:00	New ideas for large area veto detectors	J. McMillan Sheffield
15:00 - 15:20	PPARC and the development of industrial use of facilities	Glyn White PPARC
Coffee & Posters		
Session 8: Chair V. Kudryavtsev		
15:40 - 16:00	Devel. of low-background devices & the role of low background facilities.	R. McAlpine Electron Tubes
16:00 - 16:20	Low radioactivity techniques at Modane	P. Loaiza Modane
16:20 – 16:30	Summary and Thanks	N. Spooner Sheffield