The 4th Birmingham Extragalactic Workshop

The Role of Feedback in Galaxy Evolution

Monday: 11th June

10:30am – 11:00am		Registration/Coffee in the Museum area
11:00am – 1:00pm: **Session 1**		Chairperson: Somak Raychaudhury
S. Cole (Durham)	30min	The Cosmological Role of Feedback
S. Helsdon (B'ham)	30min	Preheating in Groups of Galaxies
S. Kay (Sussex)	30min	Star Formation and Supernova Feedback within Cosmological Simulations of Galaxy Formation
E. O'Sullivan (B'ham)	15min	Hot Halos in Elliptical Galaxies - Evidence of Feedback?
1:00pm – 2:00pm		**Lunch in Staff House**
2:00pm – 3:30pm: **Session 2**		Chairperson: Ian McHardy
R. Bower (Durham)	30min	Star formation, feedback, and the intra-cluster medium
A. Sanderson (B'ham)	15min	The Birmingham-CfA Cluster Scaling Project - Evidence for Self-Similarity Breaking from Galaxy Feedback
M. Pettini (IoA)	30min	Direct Observations of Feedback in Lyman Break Galaxies at $z = 3$
3:30pm – 4:00pm		**Coffee**
4:00pm – 6:00pm: **Session 3**		Chairperson: Peter Thomas
E. van Kampen (Edinburgh)	30min	Feedback at high redshift
M. Rowan-Robinson (Imp.)	30min	The star-formation history of the universe: an infrared perspective
P. Crowther (UCL)	30min	The impact of massive stars on the ISM in galaxies
Discussion Session	30min	Chaired by Peter Thomas
7:30pm		**Evening Meal:** at the Cafe Eastern Delight

Tuesday: 12th June

9:00am – 10:45am: **Session 4**		Chairperson: Laurence Jones
O. Gnedin (IoA)	15min	Stellar feedback does not solve dark matter cusp problem in dwarves
R. de Grijs (IoA)	30min	The star formation history of M82: multiple starbursts or propagation?
A. Pedlar (Jodrell)	30min	Neutral, ionised & relativistic gas in the M82 starburst
C. Clarke (IoA)	15 min	Feedback in/from Clusters
10:45am – 11:15am		**Coffee**
11:15am – 1:00pm: **Session 5**		Chairperson: Alistair Nelson
L. Smith (UCL)	30min	Mass and Energy Injection from Super Star Clusters: the

		Top Heavy IMF of the young SSC M82-F
R. Beswick (Jodrell)	15min	High resolution HI absorption observations of the luminous infrared Starburst Galaxy NGC 6240
L. Summers (B'ham)	15min	Chandra observations of the Dwarf Starburst NGC4449
I. Ferreras (Oxford)	15min	How efficient are outflows in early and late type galaxies?
R. Proctor (UCLAN)	15min	A comparison of star formation histories in elliptical galaxies and spiral bulges
1:00pm – 2:00pm		**Lunch in Staff House**
2:00pm – 4:00pm: **Session 6**		Chairperson: Trevor Ponman
M. Edmunds (Cardiff)	15min	Feedback in the Interstellar Dust Cycle
A. Sansom (UCLAN)	15min	Cold and Hot gas in Early-Type Galaxies
R. McDermid (Durham)	15min	Clues to Galaxy Evolution via Stellar Dynamics and Populations of Early Type Galaxies
I. Stevens (B'ham)	15min	Understanding Starburst Superwinds
F. Pearce (N'ham)	30min	Simulating Feedback in Cosmological Simulations
Discussion Session	30min	Led by Trevor Ponman
4:00pm		**End of Workshop**