

Virgo Workshop
Wednesday-Friday (12-14)/Dec/2012
ICC Durham

Note: *Most talks are 15+ 5mins; the discussion time is built into the programme*

Wednesday 12/Dec:

New simulations and projects *Chair: Simon*

1:00 – 2:00 *Lunch*

2:00 – 2:05	Welcome	Carlos
2:05 – 2:15	DiRAC	Adrian
2:15 – 2:30	MXXL update	Simon
2:35 – 2:50	Cold and warm DOVE	Till
2:55 – 3:10	Copernicus Complexio	Wojtek
3:15 – 3:30	Millennium gas	Scott
3:35 – 4:00	Eagle	Joop

4:00 – 4:30 *Tea*

4:30 6:30 Discussion of these projects

Thursday 13/Dec:

Dark Matter *Chair: Carlos*

9:30	–	9:45	Euclid simulation	Frazer
9:50	–	10:05	Mass estimation in clusters	Lindsay Old
10:10	–	10:25	Lensing anomalies	Dandan
10:30	–	10:45	Dwarf spheroidals	Chervin
10:50	–	11:05	Statistics of satellites	Jie
11:10	–	11:40	<i>Coffee</i>	
11:40	–	11:55	Stellar halos	Ben Lowing
12:00	–	12:15	Stream finding	Pascal
12:20	–	12:35	Phase space constraints	Gao
12:40	–	12:55	Non-linear WDM objects	Aurel Schneider

1:00 – 2:00 *Lunch*

Dark matter (cont) *Chair: Volker*

2:00	–	2:15	The origin of NFW	Aaron
2:20	–	2:35	Vorticity and halo spin	Noam
2:40	–	2:55	Satellites in MII and SDSS	Quan

Code development

3:00	–	3:15	Initial conditions generation	Adrian
3:20	–	3:45	Arepo & Gadget4	Volker
3:50	–	4:20	<i>Tea</i>	
4:20	–	4:35	Anarchy	Claudio
4:40	–	4:55	New codes	Matthieu/Pedro
5:00	–	6:30	Discussion of new Virgo flagships	All
7:30	–		Workshop dinner at St Aidan's college	All

Friday 14/Dec

Baryons *Chair: Peter*

9:30	–	9:45	Environment in GIMIC	Yannick Bahe
9:50	–	10:05	X-ray coronae	Rob Crain
10:10	–	10:25	Lyman-limit systems	Jamie Bolton
10:30	–	10:45	DLAs in OWLS	Tom/Robert Perry/Antonella Garzilli
10:50	–	11:05	Subsonic turbulence	Andreas Bauer
10:10	–	11:40	<i>Coffee</i>	
11:40	–	11:55	SPH & K-H	Thomas Yue
12:00	–	12:15	Millennium gas zooms	Simon Pike
12:20	–	12:35	SN and AGN driven winds	Ewald Puchwein
12:40	–	12:55	AGN feedback -1	Rick Newton
1:00	–	1:15	AGN feedback -2	Stuart Muldrew
1:20	–	2:15	<i>Lunch</i>	
2:15	–	3:30	Final Discussion	
3:30	–	4:00	<i>Tea</i>	
4:00			END	