

Virgo workshop

Wednesday-Friday (22-24)/Jan/2014

Tulip Inn Leiden Centre (<http://www.tulipinnleidencentre.nl/default.aspx>)

Note: Most talks are 15+ 5mins (but not all - please check!) The 5 mins discussion is built into the programme

Wednesday 22/Jan

The EAGLE project *Chair: Simon*

2:00	–	2:05	Welcome	Carlos
2:05	–	2:10	Overview	Joop Schaye
2:15	–	2:30	The galaxy population	Rob Crain
2:35	–	2:50	Star formation history	Michelle Furlong
2:55		3:10	AGN feedback	Yetli Rosas
3:15	–	3:30	Baryons in halos	Matthieu Schaller
3:35	–	4:00	<i>Tea</i>	

EAGLE (cont), MXXL, MG *Chair: Joop*

4:00	–	4:15	Charming galaxy colours	James Trayford
4:20	–	4:35	Local group resimulations	Till Sawala
4:40	–	4:55	MXXL developments	Raul Angulo
5:00	–	5:15	Millennium gas project	Scott Kay
5:15	–	5:30	The EAGLE database	Yan Qu
5:30	–	6:30	Discussion: Eagle, MXXL, MG	

Thursday 23/Jan

Gas simulations *Chair: Tom*

9:15	–	9:30	Disk galaxies	Federico Marinacci
9:35	–	9:50	Magnetic fields in disks	Ruediger Pakmor
9:55	–	10:10	Galaxy simulations	Joki Rosdahl
10:15	–	10:30	Feedback with Enzo	Christine Simpson
10:35	–	10:50	DLAs	Rob Perry

10:55 – 11:25 *Coffee*

11:25	–	11:40	Reionization with C2Ray	Keri Dixon
11:45	–	12:00	Shock finding in Arepo	Kevin Schaal
12:05	–	12:20	ISM Chemistry	Alex Richings
12:25	–	12:40	Star formation quenching	Yannick Bahe
12:45	–	1:00	Discussion	

1:00 – 2:00 *Lunch*

Gas simulations *Chair: Volker*

2:00	–	3:00	Discussion (Giga-gal, Tianhen-2, VVV, IGM)	
3:00	–	3:15	Groups and clusters	Amandine Le Brun
3:20	–	3:35	TBD (SZ?)	Ian McCarthy

3:40 – 4:10 *Tea*

4:10	–	4:25	Munich SA	Bruno Henriques
4:30	–	4:45	New SPH and SWIFT	Matthieu Schaller
4:45	–	4:55	News on Gadget-4	Volker

5:00 – 6:00 Discussion cont. (including ITN proposal?)

7:30 – Workshop dinner

Friday 24/Jan

Dark matter *Chair: Carlos*

9:15	–	9:30	nuMSM/CWD	Mark Lovell
9:35		9:50	Constraints on WDM	Rachel Kennedy
9:55	–	10:10	TBD	Aurel Schneider
10:15		10:30	Gamma-CDM	Jascha Schewtschenko
10:35		10:50	Star formation in WDM filaments	Tom Theuns

10:55 – 11:20 *Coffee*

11:20	–	11:35	Detecting tidal streams	Marius Cautun
11:40	–	11:55	Satellite orbits	Lilian Jiang
12:00		12:15	Self-interacting DM	Andrew Robertson
12:20	–	1:00	Discussion	

1:00 – 2:00 *Lunch*

Dark matter and baryons *Chair: Adrian*

2:00	–	2:15	COCO	Wojtek Hellwing
2:20	–	2:35	Bias from small simulations	Fabian Schindt
2:40	–	2:55	Phoenix resimulations	Chervin Laporte
3:00	–	3:15	Halo concentrations	Stefan Hilbert
3:20	–	3:35	Cluster mass function	Sam Cusworth
3:40	–	3:55	Effect of baryons on halos	Marco Velliscig

4:00 – 4:30 *Tea*

4:35	–	4:50	Modified gravity	Wojtek Hellwing
4:55	–	5:10	What are protoclusters?	Stuart Muldrew
5:15	–	5:30	Galaxy-galaxy lensing	Marcello Cacciato
5:35	–	END	Discussion and breakout sessions	