

Virgo workshop
Thursday-Friday (18-19)/Dec/2014
Max Planck Institute for Astrophysics, Garching
www.mpa-garching.mpg.de/mpa/institute/index-en.html

Talks are either 10+5 or 15+5min (as determined by programme constraints), with the 5 mins discussion built into the programme. Please make sure you check the length of your talk.

Thursday 18/Dec

The EAGLE project *Chair: Joop*

9:00	–	9:05	Welcome	Carlos
9:05	–	9:20	EAGLE calibration & model variations	Rob Crain
9:25	–	9:40	Galaxy evolution	Michelle Furlong
9:45	–	10:00	Halo structure	Matthieu Schaller
10:05	–	10:20	Making galaxies visible	James Treyford
10:25	–	10:40	Local Group	Till Sawala
10:45	–	11:00	Eagle <i>vs</i> Galform <i>vs</i> Lgalaxies	Violeta Gonzales
11:05	–	11:30	<i>Coffee</i>	
11:30	–	12:10	Eagle discussion	Yan Qu, Tom Theuns, etc.

Code development *Chair: Peter*

12:10	–	12:25	Gadget-4	Volker
12:30	–	12:45	Swift	Pedro Gonnet
12:50	–	1:50	<i>Lunch</i>	
1:50	–	2:00	Discontinuous Galerkin Hydro	Kevin Schaal
2:05	–	2:15	SPH vs particle tagging	Theo Le Bret

Dark matter on small scales *Chair: Carlos*

2:20	–	2:35	Why NFW?	Andrew Pontzen
2:40	–	2:55	Accretion and halo structure	Joop Schaye
3:00	–	3:10	COCO cold/warm	Wojtek Hellwing
3:10	–	3:20	COCO warm	Sownak Bose
3:30	–	3:40	Sterile neutrinos	Mark Lovell
3:45	–	3:55	Interacting DM	Jascha Schewtschenko
4:00	–	4:15	<i>Tea</i>	
4:15	–	5:30	Joint colloquium at ESO	Julio Navarro
5:30	–	6:30	ITN; new Millennium database	Carlton; Simon, Gerard, etc
7:30	–		Workshop dinner	

Friday 19/Dec

Small-scale structure *Chair: Volker*

9:00	–	9:15	Migration in disks	Robert Grand
9:20	–	9:35	Minor merger perturbations in gal. disks	Facundo Gomez
9:40	–	9:55	Long-term evol. of tidal dwarfs	Sylvia Ploeckinger
10:00	–	10:15	New spin on satellite disks	Marius Cautun
10:20	–	10:35	The MW halo mass from dynamics	Jiixin Han
12:40	–	10:55	Milli-lensing	Dandan Xu
11:00	–	11:30	<i>Coffee</i>	
11:30	–	11:45	Radiative feedback during reionization	David Sullivan
11:50	–	12:05	Galaxies that shine: RHD sims	Joakim Rosdahl
12:10	–	12:20	Lyman-alpha forest	Andreas Schmidt
12:25	–	12:55	Gigalaxy project	Dave Campbell and discussion
12:55	–	1:50	<i>Lunch</i>	

Large-scale structure *Chair: Simon*

1:50	–	2:05	Cosm. constraints on theories of gravity	Alex Barreira
2:10		2:25	Modified gravity simulation	Christian Arnold
2:30	–	2:45	Simulations with modified gravity	Sam Cusworth
2:50	–	3:05	MXXL and cosm params	Raul Angulo
3:10	–	4:00	General discussion and new projects	
4:00	–	4:30	<i>Tea</i>	
4:30	–	4:40	Lgals	Bruno Henriques
4:45	–	5:05	Cosmic shear, SZ, and massive neutrinos	Ian McCarthy
5:10	–	5:15	MACSIS project	David Barnes
5:15	–	end	Private discussions	