

**Virgo Workshop**  
**Monday-Wednesday (10-12)/Jun/2013**  
**New MPA lecture room, MPA Garching**

**Note:** Most talks are 20+ 5mins but, in order to accommodate all speakers, some talks had to be shortened to 15+5mins. The discussion time is built into the programme

**Monday 10/Jun**

**New and current projects**    *Chair: Simon*

9:30	–	9:35	Welcome	Carlos
9:35	–	10:05	EAGLE project	Joop/Rob/Michelle/Matthieu
10:10	–	10:30	Local group resimulation project	Till
10:35	–	11:00	<i>Coffee</i>	
11:00	–	11:20	COCO	Wojtek
11:25	–	11:45	Millennium gas project	Scott
11:50	–	12:10	IGM project	Simon
12:15	–	12:45	Discussion of current projects	

12:45 – 1:45    *Lunch*

**Galaxy formation**    *Chair: Joop*

1:45	–	2:05	Anarchy	Claudio
2:10		2:30	AGN feedback	Yetli/Richard
2:35	–	2:45	Speedy SPH	Matthieu
2:50	–	3:10	Simulations of disk galaxy formation	Federico
3:15	–	3:35	Galaxy formation simulations	Ben Moster
3:40	–	4:10	<i>Tea</i>	
4:10		4:30	MHD in disk galaxies	Ruediger Pakmor
4:35	–	5:00	Discussion	
5:00	–		Breakout sessions	

## Tuesday 11/Jun

### Baryon astrophysics *Chair: Carlos*

9:20	–	9:40	Galaxy formation physics implementations in Arepo	Volker
9:45	–	10:05	Galaxy mergers on a moving mesh	Chris Hayward
10:10		10:30	Stellar feedback in gal. simulations	Michael Aumer
10:35	–	11:00	<i>Coffee</i>	
11:00	–	11:20	Reionization	Ilian
11:25		11:45	First galaxies and reionization	Andreas Pawlik
11:50	–	12:10	Non-Eq. chemistry & cooling in diffuse ISG	Alex Richings
12:15	–	12:30	Feedback and dwarfs	Laura
12:35		12:55	Black hole feedback	Stuart Muldrew
1:00	–	2:00	<i>Lunch</i>	

### From dwarfs to clusters *Chair: Volker*

2:00		2:20	Effects of galaxy formation on $\xi(r)$	Marcel
2:25		2:45	Rare objects and the ISW	William Watson
2:50		3:10	Phoenix	Chervin
3:15		3:35	TBD	Julio
3:40	–	4:10	<i>Tea</i>	
4:10		4:30	Virgo@Beijing	Gao
4:35	–	4:50	Update on Millennium database	Gerard
4:50	–	6:00	Discussion of new Virgo flagships: MW and IGM	All
7:30	–		Workshop dinner	All

**Wednesday 12/Jun**

*Chair: Peter*

9:15	–	9:30	N-body disk in equilibrium	Dennis Yurin
9:35	–	9:50	Disks in Aquarius halos	Shi
9:55		10:05	Simulations of the IGM	Antonella Garzilli
10:10	–	10:30	Warm dark matter	Rachel Kennedy/Mark Lovell
10:35	–	11:00	<i>Coffee</i>	
11:00		11:15	Chemical enrichment	Rob Yates
11:20		11:35	Gas in semi-analytic models	Bruno
11:40		11:55	SNe feedback in semi-analytics	Claudia
12:00	–	1:00	Discussion of new Flagships: MW and IGM	
1:00	–	2:00	<i>Lunch</i>	
2:00	–		END	