

Virgo Consortium Meeting

Monday-Tuesday 7-8/Nov/05

Institute for Computational Cosmology, Durham

Notes:

1. The programme is quite full, so this time the Chairman will be required to enforce time. Many of talks are on analyses of the Millennium Simulation and for most of these 20 mins have been allocated. The speakers should aim to talk for 10-12 mins, focussing on technical developments and any results if available, leaving about 10 minutes for discussion and suggestions.
2. We have new-look Virgo webpages that were designed in the Summer by Durham undergrad Steve Wilkins. Steve is still working part time at the ICC and will be at the meeting. Please have a look at <http://www.virgo.dur.ac.uk/new/index.php> (ignore the logo – we are trying to find the old one) and bring along suggestions. There is a session on the webpages on the last day.

Monday:

Millennium simulation science

10:00 – 10:30	Coffee	
10:30 – 10:40	Welcome	Carlos & Simon
10:40 – 11:00	Halo properties	Angelo
11:00 – 11:20	Halo shapes	Eric
11:20 – 11:40	Halo spins	Phil
11:40 – 12:00	Filaments	Joerg
12:00 – 12:20	The halo mass function	Darren
12:20 – 12:40	Discussion	all
12:40 – 2:00	Lunch	

Extreme computing

2:00 – 4:00	OWLS & DEISA's Gimic	Joop, Volker, Tom, Claudio Gavin
4:00 – 4:15	The 3D movie	e-Science building
4:15 – 4:30	Coffee/tea	
4:30 – 5:00	Code developments I: new physics	Volker
5:00 – 6:00	Millennium with gas	Frazer, Gus
7:30	Geordie entertainment	all

Tuesday

More Millennium simulation science

10:00 – 10:20	Summary of Millennium work at Garching	Simon
10:20 – 10:40	Merger trees	John
10:40 – 11:00	Halos and environment	Geraint
11:00 – 11:30	Coffee/tea	
11:30 – 11:50	New galaxy/AGN Millennium catalogue	Richard
11:50 – 12:05	Summary of current MR programmes	Volker, Carlos
12:05 – 12:30	Millennium data release	Volker, Carlos, Simon
12:30 – 1:00	TBA	Peter
1:00 – 1:45	Lunch	
1:45 – 2:15	First stars	Gao (TBD)
2:15 – 2:35	Preheating?	Rob Crain
2:35 – 3:05	TBA	Rob Thacker
3:05 – 3:30	Billennium runs	Carlos, Volker, Julio
3:30 – 4:00	Code developments II	Gavin, Kevin, John, Darren
4:00 – 4:30	Coffee/tea	
4:30 – 5:00	Code developments II (cont)	Gavin, Kevin, John, Darren
5:00 – 5:15	Virgo webpages	Carlos, Steve
5:15	END	

Participants:

Raul Angulo	Peter Thomas
Serena Bertone	Jei Wang
Phil Bett	Stephen Wilkins
Craig Booth	Simon White
Richard Bower	
Simon White	
Shaun Cole	
Joerg Colberg	
Rob Crain	
Vince Eke	
Claudio dalla Vecchia	
Gus Evrard	
Angelo Fausti Neto	
Caroline Francis (JAP's student)	
Carlos Frenk	
Lorena Gazzola (FRP's student)	
Geraint Harker	
Will Hartley (FRP's student)	
Eric Hayashi	
Lydia Heck	
John Helly	
Mark Hosmer (PAT's student)	
Adrian Jenkins	
Marios Kampakoglou (SK's student)	
Subata Kaviraj (SK's student)	
Cedric Lacey	
Gao Liang	
Noam Libeskind	
Stuart Lynn (JAP's student)	
Ian Mccarthy	
Nigel Mitchell	
Julio Navarro	
John Peacock	
Frazer Pearce	
Leila Powell (SK's student)	
Gavin Pringle	
Darren Reed	
Joop Schaye	
Volker Springel	
Rob Thacker	
Tom Theuns	