

# Cosmology on the Beach agenda

Time	Mon 1/10	Tue 1/11	Wed 1/12	Thu 1/13	Fri 1/14
8:30-9:30	Verde	Trodden	Melchiorri	Bertschinger	White
9:30-10:30	White	Verde	Bertschinger	Trodden	Melchiorri
10:30-11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00-12:00	Bertschinger	Melchiorri	White	Verde	Trodden
12:00-1:00	Zahn	Gorski	Posters	Peterson	Matos
1:00-4:30	Lunch /Siesta	Lunch/Siesta	Lunch/Siesta	Lunch/Siesta	Lunch/Siesta
4:30-5:30	Contributed Talks/Posters	Contributed Talks/Posters	Whale Watching Cruise	Contributed Talks/Posters	Contributed Talks/Posters
5:30-6:30	Contributed Talks/Posters	Contributed Talks/Posters		Contributed Talks/Posters	Contributed Talks/Posters
6:30-7:00	Guided Discussion	Guided Discussion		Guided Discussion	Smoot 7:00-8:00
7:00-7:30	Subgroup Discussion	Subgroup Discussion		Subgroup Discussion	

## **Suggested Reading for Course Lectures:**

**Ed Bertschinger – *Gravity on Cosmic Scales***

<http://arxiv.org/abs/astro-ph/9503125> , <http://arxiv.org/abs/0801.2431>

**Alessandro Melchiorri – *Constraining Fundamental Physics with CMB***

<http://arxiv.org/abs/1005.3808> , <http://arxiv.org/abs/astro-ph/0511500>

**Mark Trodden – *LHC, Particle Physics, and Cosmology***

[http://pos.sissa.it/archive/conferences/027/003/CMB2006\\_003.pdf](http://pos.sissa.it/archive/conferences/027/003/CMB2006_003.pdf),

<http://arXiv.org/abs/hep-ph/9901362>, <http://arXiv.org/abs/1008.1305>

**Licia Verde – *Statistical and Numerical Methods in Cosmology***

<http://arxiv.org/abs/0911.3105>, <http://arxiv.org/abs/0712.3028>,

<http://arxiv.org/abs/0906.0664>

**Martin White – *Nonlinear Structure in the Universe***

## **Plenary Talks:**

**Krzysztof Gorski – *Early Science Results from Planck***

**Tonatiuh Matos – *Dark Matter***

**Jeff Peterson – *21 cm Cosmology Developments***

**Oliver Zahn – *SZ and CMB Lensing***