MODERN THEORIES FOR STRUCTURE FORMATION

13 to 18 September 1999
Centro de Astrofísica da Universidade do Porto
Porto, Portugal

Programme

Please note: The allocated times include a discussion period of 10 minutes for the invited talks and 5 minutes for the short communications.

MONDAY, 13 SEPTEMBER 1999

9:00-9:45 am: Registration

9:45-10:00 am: Opening Remarks
Teresa Lago (Director of CAUP)

10:00-11:00 am: 'Standard Model and current favoured Cosmological parameters' I
Joe Silk (Oxford)

11:00-11:30 am: Coffee Break

11:30-12:30 am : 'Semi-analytical models of galaxy formation and comparison with available observations' I
Bruno Guiderdoni (IAP)

12:30-3:00 pm: Lunch Break

3:00-4:00 pm: 'Cosmological parameter estimation through clusters of galaxies' I
Jim Bartlett (Toulouse)

4:00-4:30 pm: Coffee Break

Short Communications: Structure Formation

4:30-4:50 pm: 'Structure Formation in the scale-relativity framework'
Laurent Nottale (Meudon)

4:50-5:10 pm: 'The CFH Optical PDCS survey'
Christophe Adami (Northwestern)

5:10-5:30 pm 'Are scale-scale correlations present in the PSCz?'
Alexandre Canavezes (Toulouse)

Tuesday, 14 SEPTEMBER 1999

10:00-11:00 am: 'Standard Model and current favoured Cosmological parameters' II
Joe Silk (Oxford)

11:00-11:30 am: Coffee Break

11:30-12:30 am : 'Semi-analytical models of galaxy formation and comparison with available observations' II
Bruno Guiderdoni (IAP)

12:30-3:00 pm: Lunch Break

3:00-4:00 pm: 'Cosmological parameter estimation through clusters of galaxies' II
Jim Bartlett (Toulouse)

4:00-4:30 pm: Coffee Break

Short Communications: Cosmic Microwave Background I

4:30-4:50 pm: 'Cluster Evolution and the SZ effect'
Jose Diego (Cantabria)

4:50-5:10 pm:'The Kinematic Sunyaev Zeldovitch effect and transverse cluster velocities'
Edouard Audit (Meudon)

Wednesday, 15 SEPTEMBER 1999

10:00-11:00 am: 'Inflationary structure formation models' I
Andrew Liddle (Imperial)

11:00-11:30 am: Coffee Break

11:30-12:30 am: 'Topogical Defect models for structure formation' I
Paul Shellard (Cambridge)

CONFERENCE DINNER

Thursday, 16 SEPTEMBER 1999

10:00-11:00 am: 'Inflationary structure formation models' II
Andrew Liddle (Imperial)

11:00-11:30 am: Coffee Break

11:30-12:30 am: 'Topogical Defect models for structure formation' II
Paul Shellard (Cambridge)

12:30-3:00 pm: Lunch Break

3:00-4:00 pm: 'CMB data analysis' I
Kris Gorski (TAC)

4:00-4:30 pm: Coffee Break

Short Communications: Cosmic Microwave Background II

4:30-4:50 pm:'Combining the COBE, SASKATOON and MAX experiments to constrain cosmological parameters'
Marian Douspis (Toulouse)

4:50-5:10 pm: 'Parameter Estimation using Python I,II and III CMB observations'
Graca Rocha (CAUP)

5:10-5:50 pm: Poster Session

Friday, 17 SEPTEMBER 1999

10:00-11:00 am: 'Is the Universe Open, or Flat with a constant or time-variable Cosmological Constant ?' I
Bharat Ratra (Kansas)

11:00-11:30 am: Coffee Break

11:30-12:30 am: 'CMB-observations and parameter estimation' I
Anthony Lasenby (Cambridge)

12:30-3:00 pm: Lunch Break

3:00-4:00 pm: 'Is the Universe Open, or Flat with a constant or time-variable Cosmological Constant ?' II
Bharat Ratra (Kansas)

Short Communications: Strings & Non-Gaussianity

4:30-4:50 pm: 'On the Evolution of Cosmic String Networks'
Carlos Martins (Cambridge)

4:50-5:10 pm: ‘CMB anisotropies from Cosmic Strings’
Martin Landriau (Cambridge)

5:10-5:30 pm: ‘Extracting the non-Gaussian signal in the CMB’
Proty Wu (Cambridge)

5:30-5:50 pm: ‘The cloud-in-cloud problem for non-Gaussian density fields’
Pedro Avelino (CAUP)

Saturday, 18 SEPTEMBER 1999

10:00-11:00 am: ‘CMB data analysis’ II
Kris Gorski (TAC)

11:00-11:30 am: Coffee Break

11:30-12:30 am: ‘CMB-observations and parameter estimation’ II
Anthony Lasenby (Cambridge)

12:30-13:00 pm: Closing Session