

# Preliminary Timetable

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**Venue - Hotel "Vila Aleksandar"**

## **Thursday, 25 April**

Registration

18:00 M. Visinescu

Hidden Symmetries of the Five-dimensional Sasaki -- Einstein Spaces

18:15 B. Dragovich

On Modified Gravity and Cosmology

18:30 B. Sazdović

Canonical Approach to Closed String Non-commutativity

18:45 A. Zakharov

Supermassive Black Hole at the Galactic Center

19:00 P. Jovanović

Supermassive Binary Black Hole - Possible Observational Effects in the X-ray Emission

19:15 Y. Sitenko

Vacuum Polarization Effects in the Cosmic String Background and Primordial Magnetic Fields in the Universe

19:30 Discussion

20:00 Welcome Cocktail

20:30 & Dinner

## Friday, 26 April

- Breakfast
- 9:00 R. Jimenez  
Fundamental Physics Beyond the Standard Model from Astronomical Observations
- 9:30 L. A. Gaume  
Measuring the Energy Scale of SUSY-breaking with the Non-gaussian Sky
- 10:00 W. Buchmüller  
Cosmological B-L Breaking: Baryon Asymmetry, Dark Matter and Gravitational Waves
- 10:30 N. Bilić  
AdS Braneworld with Back-reaction
- 11:00 Coffee Break
- 11:30 P. Creminelli  
Symmetries of Cosmological Perturbations
- 12:00 L. Perivolaropoulos  
Is There a Fundamental Cosmic Dipole?
- 12:30 Discussion
- 13:00 Lunch and Free Time  
Poster Session
- 16:30 A. De Simone  
The Quest for Dark Matter: Update and News
- 17:00 E. Sefusatti  
Tests of the Initial Conditions of the Universe after Planck
- 17:30 Coffee Break
- 18:00 G. Zaharijas  
Indirect Searches for Dark Matter with the Fermi Large Area Telescope
- 18:30 D. Vulcanov  
REM -- the Shape of Potentials for  $f(R)$  Theories in Cosmology and Tachyons
- 19:00 Discussion
- 20:00 Dinner

## Saturday, 27 April

Breakfast

- 9:00 F. Quevedo  
On Local String Models and Moduli Stabilisation
- 9:30 G. Martinelli  
Flavor Physics after the Higgs Discovery
- 10:00 A. Romanino  
Supersymmetry Breaking in the light of LHC
- 10:30 Coffee Break
- 11:00 E. von Törne  
Overview of the ATLAS Higgs Measurements
- 11:30 M. Serone  
The Composite Higgs Paradigm
- 12:00 B. Bajc  
The Still Available Parameter Space of the Minimal Supersymmetric SU(5)
- 12:30 D. Kirilova  
Neutrinos from the Early Universe
- 13:00 Discussion
- 13:30 Lunch and Free Time (A walking tour in Vrnjačka Banja, 16:00 – 18:00, if possible)
- 18:00 Coffee Break
- 18:30 – 19:30 SEENET-MTP Representative Committee meeting (in cooperation with UNESCO)
- 20:30 Conference Dinner

## Sunday, 28 April

Breakfast

- 9:00 I. Antoniadis  
Aspects of string phenomenology in the LHC era
- 9:30 J. Ellis  
The Quest for the Higgs Boson
- 10:00 J. Milošević  
Measurement of Two- and Four-particle Correlations in pPb and PbPb Collisions at CMS
- 10:15 I. Doršner  
Leptoquark Mass Limit in SU(5)
- 10:30 S. Ignjatović  
On Some Models of the Exotic Hadron States
- 10:45 M. Dimitrijević  
Noncommutative models of gauge and gravity theories
- 11:00 Coffee Break
- 11:30 European Physical Society Committee of European Integration (EPS--CEI) Kick-off Meeting
- 13:00 Lunch
- 15:00 Physics in Central Europe (Round table in cooperation with CEI, Trieste)
- 17:00 Closing/Coffee Break
- 17:30 Meeting of European Physical Society (EPS), Serbian Physical Society (SPS) and Invited Guests  
(Hotel "Zvezda")
- 19:30 Dinner

## Monday, 29 April

Breakfast

- 8:30 Reserved time
- 9:30 D E P A R T U R E