

# Introductory School on Cosmology (ISC2008)

Nis, Serbia, August 26 - 31, 2008

## **General Information**

The Introductory “weekend” school is intended to contribute to the interdisciplinary graduate and PhD training, first of all in Cosmology and Strings. One of the aims of the school is to prepare participants for more advanced courses in the SEENET-MTP framework program 2008-2010.

School is open for all students and young researchers. There is no conference fee. It is expected the participants to be mainly from Serbia and South-East Europe. The organizers will try to provide some local support on request.

## **Organizer:**

Faculty of Science, University of Nis (<http://www.pmf.ni.ac.yu>)  
SEENET-MTP Network (<http://seenet-mtp.pmf.ni.ac.yu>)

## **Lecturers:**

M. Hindmarsh (Sussex, UK)  
G. Djordjevic (Nis, Serbia)  
Lj. Nestic (Nis, Serbia)  
B. Sazdovic (Belgrade, Serbia)\*

*(\* to be confirmed)*

## **Topics:**

1. Introduction to the Standard Cosmology
2. Dark Matter
3. Phase Transitions in the Early Universe
4. Introduction to String Theory
5. Tachyons
6. Inflation
7. Quantum Cosmology

**Contact:**

Goran Djordjevic  
Department of Physics, University of Nis  
Visegradska 33  
P.O. Box 224  
18001 Nis, Serbia  
Phone/Fax:+381 18 274660  
e-mail: [seenet-mtp@pmf.ni.ac.yu](mailto:seenet-mtp@pmf.ni.ac.yu)  
Web page (<http://seenet-mtp.pmf.ni.ac.yu/isc2008/>)