



THE THIRD INTERNATIONAL SCHOOL IN ASTRONOMY:  
ASTROINFORMATICS - VIRTUAL OBSERVATORY  
Belgrade, 29.06. - 01.07.2010

Place: Faculty of Mathematics, Studentski trg 16  
Room: 718/IV

## Tuesday, 29.06.2010

08.30-09.00 *Registration*

09.00-09.15 *Opening*

**Morning session:** Chairman M. S. Dimitrijević

09.15-10.15 P. Padovani, E. Hatziminaoglou: An overview of the VO. VO tools and services

10.15-10.30 Coffee break

10.30-12.30 P. Padovani, E. Hatziminaoglou: A study of NGC1068 using TOPCAT for data retrieval

12.30-14.00 Lunch

**Afternoon session:** Chairman L. Č. Popović

14.00-16.00 P. Padovani, E. Hatziminaoglou: Search for ULX sources

16.00-16.15 Coffee break

16.15-18.15 I. Chilingarian: Technical and scientific aspects of VO tools

18.15-19.15 P. Janičić: Mathematical Visualization Tool GCLC/WinGCLCI

## Wednesday, 30.06.2010

**Morning session:** Chairperson D. Ilić

09.30-11.15 P. Skoda: The Virtual Observatory-A New Revolutionary Way of Scientific Research

11.15-11.30 Coffee break

11.30-12.30 P. Skoda: The Stellar Optical Spectroscopy in Virtual Observatory

12.30-14.00 Lunch

**Afternoon session:** Chairman Ž. Mijajlović

14.00-15.00 K. Tsvetkova: WFPDB: Catalogue of Wide-Field Plate Archives

15.00-16.00 K. Tsvetkova: Search for plate archive data in the WFPA Catalogue and in the WFPDB

16.00-16.15 Coffee break

16.15-17.15 M. Tsvetkov: WFPDB: Plate Index Catalogue

17.15-18.15 M. Tsvetkov: Search for plate data in the WFPDB

18.15-19.15 E. Bon: VO tools and basic data mining concepts through practical examples

## Thursday, 01.07.2010

**Morning session:** Chairperson A. Kovačević

09.15-10.15 M. S. Dimitrijević: European Virtual Atomic and Molecular Data Center (VAMDC) and STARK-B Database

10.15-10.30 Coffee break

10.30-11.45 O. Malkov: Data mining in astronomy: classification of eclipsing binaries

11.45-13.00 O. Malkov: Large surveys and determination of interstellar extinction

13.00-14.30 Lunch

**Afternoon session:** Chairman M. Tsvetkov

14.30-15.30 Ž. Mijajlović: Virtual libraries

15.30-16.30 Ž. Mijajlović: Freedman equation

16.30-16.45 Coffee break

16.45-17.45 D. Jevremović: SerVO

17.45-19.45 *Closing ceremony* (handing certificates)