



SLOVAK RESEARCH
AND DEVELOPMENT
AGENCY

International meeting on variable stars observing

KOLOS 2009

Vihorlat Observatory Humenné

Gymnázium Snina

N. F. "Teleskop" Snina

DRZ Vihorlat Sninské rybníky, Snina, Slovakia

December 3–5, 2009

Time Schedule

1. DAY - JD 2455169 Thursday 03. 12. 2009

15:00 – 16:00 **(UTC + 1 hour) Registration**

16:00 – 17:30 **Introductory presentations – what is new in Kolonica**

10' I. Kudzej – welcome talk

20' I. Kudzej – From Kolos to Kolos

30' P. Dubovský – Annual Report on Observational results of AO at Kolonica Saddle

10' N. Virnina - Discovery of two new variable eclipsing stars Kol7 and Kol8 near RX J2133

10' N. Virnina - Classification of two newly discovered variable stars in the field of BS Cas

10' M. Timko – Magnetic Irregularities of the Earth

17:30 – 18:00 **Presentation of posters**

- P. Wychudzki - Photometric telescope of the Olsztyn Astronomical Observatory
- L. Chinarova, I. Andronov - Characteristics of individual pulsations in RV Tau pulsating variables
- L. Chinarova – Binary stars and their evolution (booklet)
- V. Breus, T. Hegedüs, K. Petřík, I. Andronov - Spin and Orbital variability of the Intermediate Polar RXJ2133 = 1RXS J213344.1+510725
- V. Bejdová – New variable in the field of CN And

18:00 – 19:00 **Dinner**

19:00 – 19:45

Scientific Paper Session I. - Recent news from CERN

45' D. Bruncko - LHC finally start a GRID as a helpful efficiently tool for computing data from LHC

20:00 – 21:00

Scientific Paper Session II. - Variable stars research

30' I. Andronov et al. - Deep Luminosity Minimum of the Nova-Like Cataclysmic Variable TT Ari

30' I. Andronov et al. - The Unique Eclipsing Polar OTJ 071126+440305

2. DAY - JD 2455169 / 2455170 Friday 04. 12. 2009

8:30 – 9:00

Breakfast

9:00 – 13:00

Scientific Paper Session III. - Variable stars research

30' M. Zejda, Z. Mikulášek - Timings of minima. Estimation or determination?

30' Z. Mikulášek, et al. – AR Aurigae as an excellent O-C laboratory

30' I. Andronov - Determination of Extrema of Variable Stars; Comparison of Different Mathematical Methods

– coffee break

15' Š. Parimucha, et al. - A preliminary analysis of DV Psc: The spotted, short-period, eclipsing binary

30' M. Zejda, Z. Mikulášek, M. Wolf - Secrets of TW Dra

10' N. Virnina - A new Algol-type variable star, discovered on remotely controlled telescope

– coffee break

30' M. Cíkala – Symbiotic stars

30' N. Virnina, et al. - Superhumps in the old Nova V603 Aql

10' E. Świerczyński et al. - Targets of Opportunity Project in Piwnice Observatory

13:00 – 14:00

Lunch

15:00 – 16:00

Social event – visit to The Smolak Gallery in Snina

16:00 – 20:00

Excursion and barbecue in Astronomical Observatory at Kolonica Saddle.

20:00 – 22:00

Astronomers in the world – Reports on astronomer's traveling

30' T. Hegedüs - Hungarian Solar Eclipse expedition overview 2009

60' M. Zejda, Z. Mikulášek - stays in Yunnan Astronomical Observatory, Kunming, China, Ulupinar Astrophysical Centre, Canakkale, Turkey or South African Astronomical Observatory, South Africa

30' I. Andronov, V. Breus, L. Chinarova, L. Kudashkina, V. Marsakova, N. Virnina. Amateur Astronomy in Ukraine

3. DAY – JD 2455170 / 2455171 Saturday 05. 12. 2009

09:00 – 10:00

Breakfast

10:00 – 13:00

Education in astronomy and „Stellar tourism“

30' T. Hegedüs - IYA2009 activity results in Hungary

15' Š. Parimucha et al. – SOSA - Slovak Organization for Space Activities

20' R. Prajsnar – Alternative forms of teaching physics and astronomy at Liceum

– coffee break

20' R. Bury – Project Carpathian Sky

10' P. Dubovský – Project The Universe for Advanced

20' J. Uniwersal – Solaris

13:00 – 14:00

Lunch and closing ceremony