

ASTRONOMICAL INSTITUTE  
SLOVAK ACADEMY OF SCIENCES

CONTRIBUTIONS  
OF THE ASTRONOMICAL OBSERVATORY  
SKALNATÉ PLESO

• VOLUME XLII •

Number 1



April 2012

## **Editorial Board**

### **Scientific Editor**

Ján Svoreň, *Tatranská Lomnica, The Slovak Republic*

### **Executive Editor**

Richard Komžík, *Tatranská Lomnica, The Slovak Republic*

### **Members**

Drahomír Chochol, *Tatranská Lomnica, The Slovak Republic*

Bernhard Fleck, *Greenbelt, USA*

Arnold Hanslmeier, *Graz, Austria*

Marian Karlický, *Ondřejov, The Czech Republic*

Július Koza, *Tatranská Lomnica, The Slovak Republic*

Aleš Kučera, *Tatranská Lomnica, The Slovak Republic*

Vladimír Porubčan, *Bratislava, The Slovak Republic*

Theodor Pribulla, *Tatranská Lomnica, The Slovak Republic*

Tanya Ryabchikova, *Moscow, Russia*

Giovanni B. Valsecchi, *Rome, Italy*

Jan Vondrák, *Prague, The Czech Republic*

©

Astronomical Institute of the Slovak Academy of Sciences  
2012

ISSN: 1335–1842 (on-line version: 1336–0337)

CODEN: CAOPF8

---

Editorial Office: Astronomical Institute of the Slovak Academy of Sciences  
SK - 059 60 Tatranská Lomnica, The Slovak Republic

## CONTENTS

### SOLAR SYSTEM

M. Husárik: <b>Astrometry of minor planets made at the Skalnaté Pleso Observatory in the year 2011</b> . . . . .	5
M. Husárik: <b>Relative photometry of the possible main-belt comet (596) Scheila after an outburst</b> . . . . .	15
M. Buček , V. Porubčan , P. Zigo: <b>Solar activity and Perseid meteor heights</b> . . . . .	22
J. Svoreň: <b>Astrometry of comets made at the Skalnaté Pleso Observatory in 2000</b> . . . . .	33

### STARS

D. Chochol , N.A. Katysheva , S.Yu. Shugarov , P.O. Zemko , M.V. Andreev: <b>Photometric investigation of the dwarf nova Pegasi 2010 – a new WZ Sge-type object</b> . . . . .	39
---	----

The Contributions of the Astronomical Observatory Skalnaté Pleso  
are available in a full version  
in the frame of ADS Abstract Service  
and can be downloaded in a usual way from the URL address:

**“[http://adsabs.harvard.edu/article\\_service.html](http://adsabs.harvard.edu/article_service.html)”**

as well as from the web-site of  
the Astronomical Institute of the Slovak Academy of Sciences  
on the URL address:

**“<http://www.astro.sk/caosp/>”**

The journal is covered/indexed by:

**Thomson Reuters services (ISI)**  
Science Citation Index Expanded (also known as SciSearch®)  
Journal Citation Reports/Science Edition

**SCOPUS**