

COMMISSIONS 27 AND 42 OF THE IAU
INFORMATION BULLETIN ON VARIABLE STARS

Number 6090

Konkoly Observatory
Budapest
13 January 2014

HU ISSN 0374 – 0676

SUPERWASP DATA RELEASE 1 PUBLIC AGAIN

PAUNZEN, E.¹; KUBA, M.^{2,3}; WEST, R. G.⁴; ZEJDA, M.¹

¹ Institute of Theoretical Physics and Astrophysics, Masaryk University, Kotlářská 2, CZ - 611 37 Brno, Czech Republic. e-mail: epaunzen@physics.muni.cz

² Institute of Computer Science, Masaryk University, Šumavská 15, Brno, Czech Republic

³ The national Center CERIT-SC (CERIT Scientific Cloud), Czech Republic

⁴ Department of Physics, University of Warwick, Coventry, CV4 7AL, UK

The WASP (Wide Angle Search for Planets) project is an exoplanet transit survey established by a consortium of eight academic institutions which include Cambridge University, the Instituto de Astrofísica de Canarias, the Isaac Newton Group of telescopes, Keele University, Leicester University, the Open University, Queen's University Belfast and St. Andrew's University. Continual monitoring of the night sky, started with two instruments (at La Palma, Canary Islands and Sutherland, South Africa) in 2004 and resulted in photometric data and light curves of millions of unique objects (for more details see Butters et al., 2010). The first public data release (DR1) of the WASP archive makes available all these light curve data from 2004 up to 2008 in both the Northern and Southern hemispheres.

We are pleased to announce that the DR1 is publicly available again. The archive was copied to a new server at Masaryk University Brno, Czech Republic and using a new web interface, developed by the CERIT team, users can search for the data of selected objects (see <http://wasp.cerit-sc.cz/>). The data set contains 17 960 328 light curves, built from more than 110 billion data points available. The web interface will be supplemented by tools for data processing, time series analysis and imaging of light curves. Any recommendation and notes are welcome to support@cerit-sc.cz. We hope that the server will well serve to all scientific community.

Acknowledgement: The computing and storage facilities are provided by the project CERIT Scientific Cloud, reg. no. CZ.1.05/3.2.00/08.0144.

Reference:

Butters, O. W., West, R. G., Anderson, D. R., et al. 2010, *A&A*, **520**, L10