

Scientific Event Report

E **Research in Astrophysics from Space**

E1.14 **Novae and Cataclysmic Variables: a Multi-dimensional Perspective where Multi-wavelength Observations Meet Theory**

Main Scientific Organizer *Balman, Solen*
Deputy Organizer *Gonzalez-Riestra, Rosario*

Accretion Physics and Observations of CVs and Related Systems
Date: Thu, Aug 04, 2016. Room: 3B13

E1.14-0001-16 (WITHDRAWN) 09:30 - 10:00 (solicited)

Accretion and outflows in cataclysmic variables
Knigge, Christian

E1.14-0002-16 10:00 - 10:30 (solicited)

A Comprehensive Review of Nova-Like Variable Stars
Sion, Edward

E1.14-0003-16 10:30 - 10:50

SU UMa dwarf novae in the period gap showing the negative superhumps
Pavlenko, Elena

Accretion Physics and Time Variability of CVs and Related Systems
Date: Thu, Aug 04, 2016. Room: 3B13

E1.14-0004-16 11:30 - 11:50

Accretion Flows and Boundary Layers in Nonmagnetic Cataclysmic Variables Using X-ray Observations
Balman, Solen

E1.14-0005-16 (WITHDRAWN) 11:50 - 12:10

AX J1549.8-5416: a very high duty-cycle dwarf nova
Zhang, Guo-Bao; Gelfand, Joseph; Russell, David; Lewis, Fraser; Roberts, Mallory

E1.14-0006-16 12:10 - 12:40 (solicited)

Symbiotic systems: observations and theory
Luna, Gerardo

Multiwavelength Observations of Accreting CVs
Date: Thu, Aug 04, 2016. Room: 3B13

E1.14-0007-16 14:00 - 14:30 (solicited)

Probing Accretion in Magnetic Cataclysmic Variables from High Time Resolution Optical Photometry and X-ray Observations from ASTROSAT
Buckley, David; Breytenbach, Hannes; Bonnet-Bidaud, Jean-Marc; Mouchet, Martine; Irawati, Puji; Dhillon, Vik; Revnivtsev, Mikhail; Semena, Andrey; Potter, Stephen; Marsh, Tom; Singh, Kulinder Pal

E1.14-0008-16 14:30 - 14:50

Identifying IGR J18293-1213 and IGR J14091-6108 as magnetic CVs
Clavel, Maïca; Tomsick, John; Krivonos, Roman; Rahoui, Farid

E1.14-0009-16 14:50 - 15:10

Search for gamma-ray emissions from AE Aquarii with Fermi LAT
Li, Jian; Torres, Diego F.; Rea, Nanda; De Ona Wilhelmi, Emma; Hou, Xian

CV Surveys, Evolution and Population Studies

Date: Thu, Aug 04, 2016. Room: 3B13

E1.14-0010-16 17:00 - 17:30 (solicited)

Sky surveys of interest for cataclysmic variables

Szkody, Paula

E1.14-0011-16 17:30 - 17:50

Galactic transients from the OGLE survey

Mroz, Przemek

E1.14-0012-16 17:50 - 18:10

The cataclysmic variable population in the globular cluster 47 Tucanae

Rivera Sandoval, Liliana E.; Van Den Berg, Maureen; Heinke, Craig; Cohn, Haldan N.; Lugger, Phyllis M.; Anderson, Jay; Edmonds, Peter D.; Cool, Adrienne M.; Ivanova, Natalia; Grindlay, Jonathan

E1.14-0013-16 18:10 - 18:25

Poster Session

Balman, Solen

CV Surveys, Evolution and Population Studies

Date: Fri, Aug 05, 2016. Room: 3B13

E1.14-0014-16 09:30 - 09:50

The space density of mCVs: GROND observations

Burwitz, Vadim; Zengin Camurdan, Dicle; Greiner, Jochen

E1.14-0015-16 09:50 - 10:20 (solicited)

The AAVSO as a Resource for Variable Star Research

Kafka, Stella

E1.14-0016-16 10:20 - 10:50 (solicited)

White dwarfs in cataclysmic variables

Gaensicke, Boris

Novae Theory and Modeling

Date: Fri, Aug 05, 2016. Room: 3B13

E1.14-0017-16 11:30 - 11:55

Be stars with white dwarf companions: a new single degenerate binary channel to type Ia supernovae explosions

Orio, Marina; Luna, Gerardo; Kotulla, Ralf; Gallagher, Jay; Harbeck, Daniel; Zemko, Polina

E1.14-0018-16 11:55 - 12:25 (solicited)

One eruption every (half?) year - A remarkable recurrent nova in M31

Henze, Martin

E1.14-0019-16 12:25 - 12:45

The distances of the Galactic Novae

Ozdonmez, Aykut; Guver, Tolga; Cabrera-Lavers, Antonio; Ak, Tansel

Novae Theory , Modeling and Observations

Date: Fri, Aug 05, 2016. Room: 3B13

E1.14-0020-16 14:00 - 14:30 (solicited)

X-ray Observations of Novae with Swift

Page, Kim

E1.14-0021-16 14:30 - 15:00 (solicited)

Swift-XRT observations of Quasi-periodic oscillations seen in the Super Soft Source emission from Classical and Recurrent Novae

Beardmore, Andrew

E1.14-0022-16 15:00 - 15:20

Chandra X-ray grating spectra of V959 Mon

Orio, Marina; Peretz, Uria; Behar, Ehud; Zemko, Polina

Multiwavelength Observations of Novae

Date: Fri, Aug 05, 2016. Room: 3B13

E1.14-0023-16 17:00 - 17:20

Magnetic novae

Zemko, Polina; Orio, Marina

E1.14-0024-16 17:20 - 17:35

A Reanalysis of XMM-Newton Data of the Classical Nova V2491 Cyg Using Hot Collisionally Ionized Absorber Model

Gamsizkan, Cigdem; Balman, Solen

Poster Program

Author in Attendance: Thursday, 15:30 - 17:00, Poster area: B1 Poster Area

STW = Sunday, Tuesday, Wednesday / TFS = Thursday, Friday, Saturday

TFS-149 E1.14-0027-16

Nova shell observation of V2275 Cyg

Esenoglu, Hasan H.; Balman, Solen; Saygac, A. Talat

TFS-150 E1.14-0028-16

The mass donor star and the accretion disc of the dwarf nova V2051 Ophiuchi in the infrared

Wojcikiewicz, Eduardo; Baptista, Raymundo; Ribeiro, Tiago

TFS-151 E1.14-0030-16

The MMRD relation of the Galactic Novae: insights from a new distance estimation method

Ak, Tansel; Ozdonmez, Aykut; Guver, Tolga

TFS-153 E1.14-0032-16

Analysis of the flickering in the visual light curve of the declining old nova RW UMi (1956) with wavelets and Hurst analysis

Saygac, A. Talat; Alis, Sinan; Bianchini, Antonio; Balman, Solen; Tamburini, Fabrizio; Esenoglu, Hasan H.; Gulsecen, Hulusi

TFS-154 E1.14-0033-16

Phase Resolved X-ray Spectral Analysis of Soft IPs

Pekon, Yakup

TFS-155 E1.14-0034-16

Photometry and polarimetry study of cataclysmic variables (cvs)

Joshi, Arti

TFS-156 E1.14-0035-16

The Accretion Flow and Boundary Layer Structure in the Dwarf Nova SS Aur

Nabizadeh, Armin; Balman, Solen; Hertfelder, Marius; Godon, Patrick; Sion, Edward

TFS-157 E1.14-0036-16

Spectral and Temporal Characteristics of LS PEG and TW PIC Using XMM-NEWTON Data

Talebpour Sheshvan, Nasrin; Balman, Solen

TFS-160 E1.14-0038-16

Observations of GAIA-identified Cataclysmic Variables Using the TUBITAK National Observatory

Esenoglu, Hasan H.; Galeev, Almaz; Hamitoglu, Irek; Gulsecen, Hulusi; Uluc, Kadir; Okuyan, Oguzhan; Kaynar, Suleyman; Kocak, Murat; Kilic, Sila E.; Erece, Orhan; Parmaksizoglu, Murat; Ozisik, Tuncay; Kirbiyik, Halil

TFS-162 E1.14-0042-16

XMM-Newton Observation of the Intermediate Polar XY Ari

Zengin Camurdan, Dicle; Balman, Solen; Burwitz, Vadim

TFS-163 E1.14-0043-16

An Eclipsing Cataclysmic Variable: CSS081231:071126+440405

Ok, Samet; Kalomeni, Belinda

TFS-165 E1.14-0045-16

The accretion column of AE Aqr

Rodrigues, Claudia; Silva, Karleyne M. G.; Coelho, Jaziel; Lima, Isabel J.; Luna, Gerardo; De Araujo, Jose Carlos N.; Costa, Joaquim

TFS-167 E1.14-0046-16

Photometric Study on an Eclipsing Close Binary System NSVS 14256825

Yilmaz, Semra; Kalomeni, Belinda

TFS-169 E1.14-0048-16

A census of variable stars in the young cluster NGC 2282

Dutta, Somnath; Mondal, Soumen; Joshi, Santosh; Das, Ramkrishna; Jose, Jessy; Ghosh, Supriyo

Poster Program

Author in Attendance: Friday, 15:30 - 17:00, Poster area: B1 Poster Area

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Poster Program

Author in Attendance: Saturday, 15:30 - 17:00, Poster area: B1 Poster Area

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