

Scientific Event Report

E **Research in Astrophysics from Space**

E1.8 **Nearby UV Universe**

Main Scientific Organizer

Sachkov, Mikhail

Deputy Organizer

Gomez De Castro, Ana

UV instrumentation

Chair: Bisikalo, Dmitry

Date: Fri, Aug 05, 2016. Room: 3B42

E1.8-0001-16 14:00 - 14:25 (solicited)

World Space Observatory - Ultraviolet mission: state of art 2016

Sachkov, Mikhail; Shustov, Boris M.; Gomez De Castro, Ana

E1.8-0002-16 14:25 - 14:45 (solicited)

Science Data Management for WSO-UV

Gomez De Castro, Ana; Marcos-Arenal, Pablo; Perea Abarca, G. Belén; Sachkov, Mikhail; Malkov, Oleg

E1.8-0003-16 14:45 - 15:00

WUVS spectrographs of World Space Observatory - Ultraviolet project

Savanov, Igor; Sachkov, Mikhail; Shustov, Boris M.; Shugarov, Andrey

E1.8-0004-16 (WITHDRAWN) 15:00 - 15:15

WUVS Simulations for WSO-UV

Marcos-Arenal, Pablo; Gomez De Castro, Ana; Perea Abarca, Belen; Sachkov, Mikhail

E1.8-0005-16 15:15 - 15:30

ASTRON-2: mission for the all sky UV survey

Sachkov, Mikhail; Savanov, Igor

Exoplanets in UV

Chair: Murthy, Jayant

Date: Fri, Aug 05, 2016. Room: 3B42

E1.8-0006-16 17:00 - 17:15

UVESP: Ultraviolet Visible Echellé Spectropolarimeter for Stellar Astrophysics.

Yushkin, Maxim; Perea Abarca, G. Belén; Panchuk, Vladimir; Marcos-Arenal, Pablo; Sachkov, Mikhail; Gomez De Castro, Ana

E1.8-0007-16 17:15 - 17:30

Space weather: recovering the variation of the stellar EUV spectral Energy distribution from the companion exoplanet FUV transit observation

Ben-Jaffel, Lotfi; Guo, Jianheng

E1.8-0008-16 17:30 - 17:55 (solicited)

Past, present, and future of exoplanet research at UV wavelengths

Fossati, Luca

E1.8-0009-16 (WITHDRAWN) 17:55 - 18:15 (solicited)

Ultraviolet exoplanet astronomy and the role of WSO-UV

Bisikalo, Dmitry; Fossati, Luca; Lammer, Helmut; Shustov, Boris M.; Sachkov, Mikhail

E1.8-0010-16 18:15 - 18:30

Close PMS Binaries Evolution – Hints for Planet Formation

Gomez De Castro, Ana; Bisikalo, Dmitry; Sytov, Alexey; Ustamujic, Sabina

Our Galaxy
Chair: Fossati, Luca
Date: Sat, Aug 06, 2016. Room: 3B42

E1.8-0011-16 09:30 - 09:45 (solicited)

Results from Modeling the Diffuse Ultraviolet Background

Murthy, Jayant

E1.8-0012-16 09:45 - 10:00

Distribution of OVI in the Milky Way and the Large Magellanic Cloud

Pathak, Amit; Sarma, Rathin; Murthy, Jayant; Sarma, Jayanta

E1.8-0013-16 (WITHDRAWN) 10:00 - 10:15

Mapping the physical structure of stellar jets with the Hubble Space Telescope at Optical and NUV wavelengths

Bacciotti, Francesca

E1.8-0014-16 10:15 - 10:30 (solicited)

Characterization of the hot white dwarfs population in the Milky Way with GALEX, SDSS, PanSTARRS, and HST, to understand post-AGB evolution.

Bianchi, Luciana; Shiao, Bernie; Barstow, Martin; Keller, Graziela

E1.8-0015-16 10:30 - 10:45

MHD simulations of protostellar jets: formation and stability of shock diamonds

Ustamujic, Sabina

E1.8-0016-16 10:45 - 11:00

Interstellar abundance and depletion studies along Galactic sightlines

U., Haris; Murthy, Jayant; Sofia, Ulysses

UV Universe
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E1.8-0017-16 (WITHDRAWN) 11:30 - 11:45

The Near Ultraviolet as the True Window on Jet Rotation

Coffey, Deirdre; Bacciotti, Francesca; Podio, Linda

E1.8-0018-16 (WITHDRAWN) 11:45 - 12:00

Identifying Fe I Levels using Stellar Spectra as the Laboratory Source

Peterson, Ruth

E1.8-0019-16 (WITHDRAWN) 12:00 - 12:15

Coating development for improved far UV astronomy

Rodriguez-de Marcos, Luis; Larruquert, Juan; Vidal-Dasilva, Manuela; Gutiérrez-Luna, Nuria; De Lis, Tomás; Espinosa-Yáñez, Lucía; Mendez, Jose Antonio; Aznarez, Jose Antonio

E1.8-0020-16 12:15 - 12:30

An Estimation of the Star Formation Rate in the Perseus Complex

Mercimek, Seyma

E1.8-0021-16 12:30 - 12:45

Global map based on the FIMS observations aboard STSAT-1

Min, Kyoung Wook

E1.8-0022-16 (WITHDRAWN) 12:45 - 13:00

Far-ultraviolet diffuse emission by dust in orion

Saikia, Gautam; Gogoi, Rupjyoti; Puthiyaveetil, Shalima

Poster Program

