



**NUVA eMeeting 2024**  
**"The impact of UV surveys in astronomy"**

15-16-17 october 2024

15 <sup>th</sup> OCTOBER	TITLE	TYPE	AUTHORS	INSTITUTION
15:00	<b>WELCOME</b>			
15:10	The PhotSat mission: Ultraviolet and optical all-sky monitoring with a cubesat	Oral	J.M. Carrasco, I. Esteva, C. Sierra, I. Ribas, G. Anglada	Institut d'Estudis Espacials de Catalunya (IEEC)
15:25	Mauve: a three-year UV-Vis survey dedicated to monitor stellar activity and variability	Oral	F. Z. Majidi, L. Bradley, S. Ma, A. Saba, G. Tinetti, I. Stotesbury, M. Tessenyi	Blue Skies Space
15:40	Life-environmentology, Astronomy, and Planetary Ultraviolet Telescope Assembly (LAPYUTA) mission: instrument overview and development updates	Oral	Go Murakami, Fuminori Tsuchiya, Atsushi Yamazaki, Masato Kagitani, Shingo Kameda, Kazuo Yoshioka, and Tomoki Kimura	JAXA
15:55	SPEKTR-UF mission	Oral	Mikhail Sachkov	Institute of Astronomy, RAS
16:10	Swift/UVOT Surveys of Hot Stars	Oral	M. H. Siegel, C. A. Gronwall, S., LaPorte, S. J.	Pennsylvania State University
16:25	Stellar wind impact on early atmospheres around unmagnetized Earth-like planets	Oral	Ada Canet, Ana I Gómez de Castro, Jacobo Varela	Universidad Complutense de Madrid/JCUVA
16:40	UV scattering by meteoroid grains in the Earth thermosphere	Oral	Jennifer Lopez, Ana I Gómez de Castro	Universidad Complutense de Madrid/JCUVA
16:55	Detection of a new sample of Galactic white dwarfs in the direction of the Small Magellanic Cloud	Oral	A.V. Sidharth, B. Shridharan, Blesson Mathew, A. Devaraj, T.B. Cysil, C. S. Stalin, R. Arun, Suman Bhattacharyya, Sreeja S. Kartha, and T. Robin	CHRIST (Deemed to be University)
17:10	Exploring the Archives: A Search for Novae in UVIT Snapshots of M31	Oral	Judhajeet Basu, Krishnendu S., Sudhanshu Barway, Shatakshi Chamoli, G. C. Anupama	Indian Institute of Astrophysics Bangalore
17:25	Title: Impact of UV imaging on the detectability of unresolved binaries	Poster	Vikrant Jadhav	University of Bonn
17:30	UVIT/AstroSat study of T-Tauri Stars	Poster	Prasanta. K. Nayak, Mayank Narang, Manoj Puravankara, U. Gorti, A. Subramaniam, N. George, C. Mondal	Pontificia Universidad Catolica de Chile
17:35	Hunting Down White Dwarf–Main Sequence Binaries Using Multi-Wavelength Observations	Poster	Prasanta K. Nayak, Anindya Ganguly, Sourav Chatterjee	Pontificia Universidad Catolica de Chile

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15:00

QUVIK: Quick Ultra-Violet Kilonova surveyor

Oral

Norbert Werner, Jakub Ripa, Filip Munz, Jiri Krticka, Michal Zajacek, Marek Skarka

Masaryk University

15:15

The Ultraviolet Spectrograph on Juno: UV-calibration and stellar UV-science capabilities

Oral

: V. Hue (1), T. K. Greathouse (2), M. W. Davis (2), R. S. Giles (2), G. R. Gladstone (2, 3), J. A. Kammer (2), K. D. Retherford (2, 3), M. Velez (3, 2), M. H. Versteeg (2)

Aix-Marseille Université, CNRS, CNES, Institut Origines, LAM, Marseille, France

15:30

NUTEx: Development of a near ultraviolet (NUV) imager for transient studies

Oral

Shubham Jankiram Ghatul, Bharat Chandra P, Binukumar Nair, Shubhangi Jain, Praveen Kumar, Mahesh Babu, Rekshesh Mohan, Margarita Safonova, Jayant Murthy

Indian Institute of Astrophysics

15:45

CUBES: A UV SPECTROGRAPH FOR THE FUTURE

Oral

S. Covino on behalf of the CUBES team

INAF / Brera Astronomical Observatory

16:00

Enhanced XMM-OM SUSS catalogue

Oral

Paul Kuin, Mat Page, Ada Nebot

MSSL/UCL

R=20,000 Photospheric Spectra for UV Surveys

Oral

Sara Heap and Ivan Hubeny

U.MD, NASA/GSFC emerita

16:15

Real-time 24/7 Global Navigation Satellite Systems based EUV solar astronomy and beyond

Oral

M. Hernández-Pajares, D. Moreno-Borràs, O. Fors, J. Poyatos, Q. Liu, H. Lyu, V. Graffigna, G. OlivaresPulido, D. Roma-Dollase, A. García-Rigo, E. Monte-Moreno, H. Yang, J.M. Gómez-Cama, J. Ventura-Traveset and R. Orús-Pérez

Universitat Politècnica de Catalunya (UPC-IonSAT)

16:30

WOCS 9005: A Barium Blue Straggler in M67 and Photometric Detection of Its White Dwarf Companion

Oral

Harshit Pal, Annapurni Subramaniam, Arumalla B. S. Reddy, and Vikrant V. Jadhav

Indian Institute of Science Education and Research(IISER), Berhampur

17:00

A pilot study of High mass end Initial Mass Function of NGC 628 using UV and H alpha emission.

Oral

S Amrutha, Mousumi Das

Indian Institute of Astrophysics

17:15

Morphology and Kinematic of Young stellar population of the Small Magellanic Cloud with UVIT/AstroSat and Gaia

Oral

Sipra Hota, Annapurni Subramaniam, Prasant K Nayak

Indian Institute of Astrophysics



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15:00		FUV Imaging telescope	Oral	Shubhangi jain, bharat chandra,shubham ankiram Ghatul, Mahesh Babu S,Rekshesh Mohan,Margarita Safonova,Jayant Murthy	Indian Institiute of Science Education and Research(IISER), Berhampur
15:15		A concept of a simple small-sized (10 kg) lunar astronomical UV telescope for upcoming LUNA missions	Oral	Andrey Shugarov(1), Mikhail Sachkov(1), Huijuan Wang(2,3), Xiaojun Jiang(2,3), Vladimir Shmagin(1)	1 Institute of Astronomy of the Russian Academy of Science (INASAN) 2 National Astronomical Observatory, Chinese Academy of Sciences (NAOC) 3 University of Chinese Academy of Sciences
15:30		Performance qualification of the detector on board the Spektr-UF (WSO-UV) Space Telescope	Oral	Ana I. Gómez de Castroa, Maria Frutos, David Moya, Juan Carlos Vallejo, Ashley Thomson, Tom Conneely, James Milnes.	Universidad Complutense de Madrid/JCUVA
15:45		Probing the Lyman continuum nebular emission from intermediate galaxies with AstroSat and UVEX	Oral	Anne Verhamme, Charlotte Simmonds, Akio Inoue, Harley Katz	University of Geneva
16:00		UV Probe into the Morphology of NGC 3718	Oral	Chandan Watts, Mousumi Das, Sudhanshu Barway	Indian Institute of Astrophysics, Bengaluru
16:15		Unveiling the kinematics of a central region in the triple AGN host NGC 7733-7734 interacting group	Oral	Saili Keshri, Sudhanshu Barway, Mousumi Das, Jyoti Yadav, and Francoise Combes	Indian Institute of Astrophysics
16:30		UV luminosity functions at redshift < 1, from XMM-OM and Swift-UVOT	Oral	M. Sharma, M.Page, A. Mathews, I Ferreras, A. Breeveld	MSSL, UCL
16:45		Unveiling the interwoven threads of star formation and galactic evolution in secular and environmental contexts	Oral	Sreeja S Kartha, Ujjwal Krishnan, Akhil Krishna R, Robin Thomas & Blesson Mathew	CHRIST (Deemed to be University)
17:00		Effect of structural components of Spiral galaxies in quenching star formation	Oral	Renu Devi, Smitha Subramanian, Koshy George, Suhasini Rao	Indian Institute of Astrophysics
17:15		Using Near UV and Far UV Observations to Constrain the Star Formation History of Nearby Galaxies	Poster	Denis Leahy	University of Calgary
17:30		Impact of dwarf galaxies interactions on their Star forming properties	Poster	Rakshit Chauhan, Smitha Subramanian	Indian Institute of Astrophysics
17:35		Investigating the effects of ram pressure stripping in NGC 4654	Poster	Jayanth Rao C, Arnab Mukherjee, Sreeja S Kartha, Robin Thomas	CHRIST (Deemed to be University)
17:40		The Lunar Ultraviolet Observatory (OUL). Update 2024.	Oral	Ana I Gómez de Castro & the OUL consortium	Universidad Complutense de Madrid/JCUVA
17:45		CONCLUDING REMARKS			