



SCIENTIFIC PROGRAM

NUVA eMeeting 2021

"Status and new UV results from HST, Astrosat and LUT"

26th - 27th October 2021



The Network for Ultraviolet Astronomy has decided to organize an e-meeting, lasting 1-2 days every year (except in the years coinciding with the traditional NUVA workshop)

The meetings will be dedicated to specific topics to take advantage of the short time frame available for this type of global e-reunions.

The topic of the 2021st NUVA e-meeting will be: **"Status and new UV results from HST, Astrosat and LUT"**

Session 1: 26th October 2021

- 15:00-15:10 **WELCOME**
- 15:10-15:25 **Dr. Bertrand Bonfond** (Université de Liège, Belgium)
An eye on the auroras: coordinated observations of Jupiter from Hubble and Juno
- 15:25-15:40 **Prof. Gregory Herczeg** (KIAA/Peking University, China)
First Results from the ODYSSEUS Team: Accretion, Ejection, and Disk Irradiation of CVSO~109
- 15:40-15:55 **Dr. Allison Youngblood** (NASA Goddard Space Flight Center, USA)
A Radiatively Driven Wind from the eta Tel Debris Disk
- 15:55-16:10 **Ms. Ada Canet** (JCUVA, Universidad Complutense de Madrid, Spain)
Strong Flare Activity and CMEs in AB Dor. Implications for planetary habitability
- 16:10-16:25 **Prof. Miguel Chavez Dagostino** (Instituto Nacional de Astrofisica, Optica y Electronica (INAOE), Mexico)
GALEX NUV observations in the field of the KEPLER mission
- 16:25-16:40 **Miss. Deepthi S Prabhu** (Indian Institute of Astrophysics, Bengaluru, India)
A census of UV-bright stars in the dense globular cluster NGC 2808 using UVIT-HST-Gaia
- 16:40-16:55 **Dr. Snehalata Sahu** (Indian Institute of Astrophysics, India)
AstroSat/UVIT legacy survey of Globular Clusters (GlobULeS) – FUV-optical CMDs of eight GCs
- 16:55-17:10 **Mr. Ranjan Kumar** (National Institute of Technology, Rourkela, India)
AstroSat/UVIT legacy survey of Globular clusters (GlobULeS). II. Evolutionary status of hot stars in M3 and M13
- 17:10-17:25 **Dr. Peter Brown** (Texas A&M University, USA)
Swift Ultraviolet Supernova Discoveries
- 17:25-17:40 **Dr. Samantha Oates** (University of Birmingham, UK)
Swift/UVOT follow-up of Gravitational Wave Alerts in the O3 era
- 17:40-17:55 **Dr. Ana I Gómez de Castro** (JCUVA, Universidad Complutense de Madrid, Spain)
The new standard bands for UV photometry
- 17:55-18:15 **POSTER CONTRIBUTIONS**
- Miss. Ananya Tuli** (University of Notre Dame, USA)
Probing the Gas Vertically Extended above the Perseus Spiral Arm of the Milky Way
- Miss. Sonika Piridi** (National Institute of Rourkela, Rourkela, India)
Study of Galactic structure using UVIT star counts

Session 2: 27th October 2021

- 15:00-15:15 **Mr. Lauro Conti** (Institute for Astronomy and Astrophysics Tuebingen, Germany)
Update on the development of UV MCP detectors at IAAT
- 15:15-15:30 **Dr. Arianna Miraval Zanon** (INAF-Observatory of Rome, Italy)
Ultraviolet and optical pulsed emissions from an accreting millisecond pulsar
- 15:30-15:45 **Prof. Denis Leahy** (University of Calgary, Canada)
AstroSat UVIT measurement of the structure and star formation history of the centre of M31
- 15:45-16:00 **Mr. Daniel Pauli** (Universität Potsdam, Germany)
New results and the impact of the UV HST observations on our understanding of a massive binary in a metal poor galaxy
- 16:00-16:15 **Dr. Kanak Saha** (IUCAA, India)
Lyman continuum leakers from the ASTROSat UV Deep Field
- 16:15-16:30 **Dr. Sadman Ali** (Subaru Telescope, National Astronomical Observatory of Japan, Hawaii, USA.)
Evolution of the UV upturn phenomenon: He-enhanced stellar populations in early-type galaxies
- 16:30-16:45 **Mr. Suraj Dhiwar** (Inter-University Centre for Astronomy and Astrophysics, India)
The central region of the enigmatic Malin 1
- 16:45-17:00 **Miss. Divya Pandey** (National Institute of Technology, India)
The deep Ultraviolet survey of galaxies in the Bootes void using AstroSat/UVIT