

Working group on UV Astronomy Division B: Technologies, Facilities and Data Science

To: Division B president (ggiovann@ira.inaf.it)

Cc: IAU General Secretary (iauinfos@iap.fr)

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Subject: Report on activity during 2022

The main activities of the WG during 2022 have been:

- The preparation of an article, now accepted in Experimental Astronomy, describing the IAU photometric system for UV astronomy. This article will provide a broadly available basic reference on the system.
- Organization of the Vth NUVA workshop. The network for UV astronomy organizes workshops once every three years; the last one was long due, it had to be celebrated in Spain after the meeting held in in Tel Aviv in 2017. Unfortunately, covid-10 pandemics and the later travel restrictions forced a 2-years long delay. There were 85 participants (see gnuva.net site to get further details on speakers and talks).
- Review meeting of the IAU UVA working group held during the NUVA meeting. During this meeting three main actions were decided:
 - To support the community in the implementation of the UV photometric system with some basic examples.
 - To create a catalogue of unique UV sources
 - To promote the creation of 1to 2 weeks long UV Astronomy & Technology Schools for young graduates to work hand-by-hand with experience astronomers and instrumentalists.

ULTRAVIOLET ASTRONOMY WORKING GROUP
DIVISION B: FACILITIES, TECHNOLOGIES AND DATA SCIENCE
INTERNATIONAL ASTRONOMICAL UNION

Meetings

Ultraviolet Astronomy in the XXI century
Vitoria (Spain) - 03.10.2022

UV photometry planning for the future
Busan, Korea - 08.08.2022

Astronomical Telescopes Instrumentation
Montréal, Québec, Canada - 17.07.2022

Ultraviolet Astronomy and Photometry Special Session
Valencia - 27.06.2022

Small Missions