

The background of the slide is a dark, starry night sky. In the foreground, there are silhouettes of two people. On the left, a person is looking through a large telescope. On the right, another person is holding a camera up to their eye, likely taking a photograph of the stars. The overall scene is dark, with the stars providing the only light source.

# Il Gruppo di Lavoro IAU sulle relazioni Astronomi-Astrofili

C. Sasso - OC

INAF – Osservatorio Astronomico di Capodimonte

- WG nato nell'aprile 2021 “per connettere gli astronomi con gli astrofili” (fino al 2019 rapporti formali)
- 2019: workshop per astrofili di un giorno a Brussels

## SCOPO

Raggiungere la comunità di astrofili nel mondo (~1 milione) per promuovere collaborazioni nella ricerca

[Sito web](#)

# Survey

[https://mcusercontent.com/0ecb46e29196a0f367daf3dd6/files/8aa4966a-a13e-68d3-8537-6d07a499dff6/Pro Amateur Collaboration in Astronomy Survey.pdf](https://mcusercontent.com/0ecb46e29196a0f367daf3dd6/files/8aa4966a-a13e-68d3-8537-6d07a499dff6/Pro_Amateur_Collaboration_in_Astronomy_Survey.pdf)

## Major Conclusions ...

- Amateur and professional astronomers around the world are interested in collaborating on research projects;
- The amateur community is largely male dominated and older;
- There is mutual interest in the OAO “Meet the IAU Astronomer Program”;
- The obstacles to amateur participation in research are not insurmountable, and professionals are aware of them;
- Research interest areas between professionals and amateurs align fairly well, with the exception of “archival research”;
- There is robust and mutual interest in both virtual and in-person workshop(s).

# Pro-Am Research Collaboration (PARC)

Storicamente, gli astrofili hanno apportato scoperte e contributi significativi al campo dell'astronomia professionale o sono osservatori che utilizzano telescopi ottici per acquisire immagini del cielo notturno o fanno osservazioni radio o progettano e costruiscono i propri strumenti.

Alcuni raccolgono dati sulle eclissi solari e sulle aurore o effettuano osservazioni astrometriche e fotometriche di asteroidi e comete e le riportano al Minor Planet Center, altri sono impegnati nella tempistica precisa delle occultazioni stellari da parte dei corpi nel nostro sistema solare.

Altri hanno osservato le stelle variabili e riportato i dati all'American Association of Variable Star Observers (AAVSO) e la NASA utilizza le immagini e i dati di Giove degli astrofili per informare la missione JUNOCAM.

E' nata quindi l'idea di strutturare questi progetti direttamente attraverso l'IAU con l'invito agli astronomi professionisti che hanno progetti di ricerca che trarrebbero vantaggio dalla collaborazione con astrofili a registrare i loro progetti sul nostro sito.

# Pro-Am Research Collaboration (PARC)

[https://www.iau.org/science/scientific\\_bodies/working\\_groups/professional-amateur/](https://www.iau.org/science/scientific_bodies/working_groups/professional-amateur/)

Astronomi:

[https://www.iau.org/science/scientific\\_bodies/working\\_groups/professional-amateur/professional-astronomer/](https://www.iau.org/science/scientific_bodies/working_groups/professional-amateur/professional-astronomer/)

Astrofili:

[https://www.iau.org/science/scientific\\_bodies/working\\_groups/professional-amateur/active-projects/](https://www.iau.org/science/scientific_bodies/working_groups/professional-amateur/active-projects/)



# Astronomy Pro Am Meeting

The first international Professional-Amateur Meeting (ProAm 2023) will be held at Mumbai from 1st to 3rd December 2023. The meeting is under aegis of International Astronomy Union (IAU) and will be hosted by leading amateur astronomer group Khagol Mandal.



[Sito Web](#)

1st December 2023		
9:00 to 9:30	Registration and Inauguration	
9:30 to 11:30	Python for Astronomy	Akshat Singhal, HBCSE-TIFR
12:00 to 13:00	Exoplanet Hunting	Joe Phillip Ninan, TIFR
13:00 to 14:00	Lunch Break	
14:00 to 15:00	Exoplanet Hunting	Joe Phillip Ninan, TIFR
15:30 to 17:30	GROWTH network	Varun Bhalerao, IITB
19:00 to 20:30	GROWTH network	Varun Bhalerao, IITB

2nd December 2023		
9:30 to 11:30	SWAN network for radio astronomy	Avinash Deshpande, IIT-K
12:00 to 13:00	Special Talk 1: LIGO	To be confirmed
13:00 to 14:00	Lunch Break	
14:00 to 15:00	Special Talk 2: Astrophotography	Dorie Angchuk, IIA, Leh
15:30 to 17:30	Solar Physics	Clementina Sasso, INAF, Italy

3rd December 2023		
9:30 to 11:30	Sonification of Astro Data	Katrien Kolenberg KU Lueven Belgium
12:00 to 13:00	Million Galaxies Project	Disha Sawant / Atharva Pathak, Pune Knowledge Cluster, Pune
13:00 to 14:00	Lunch Break	
14:00 to 15:00	Million Galaxies Project	Disha Sawant / Atharva Pathak, Pune Knowledge Cluster, Pune
15:30 to 16:30	Ethnoastronomy	Aniket Sule, HBCSE-TIFR, Mumbai
16:30 to 17:30	Concluding Session	