



WOMEN in ASTRONOMY



On behalf of IAU Women in
Astronomy Working Group

Priya Shah Hasan (co-Chair IAU Women in Astronomy WG)

Asst Professor in Physics

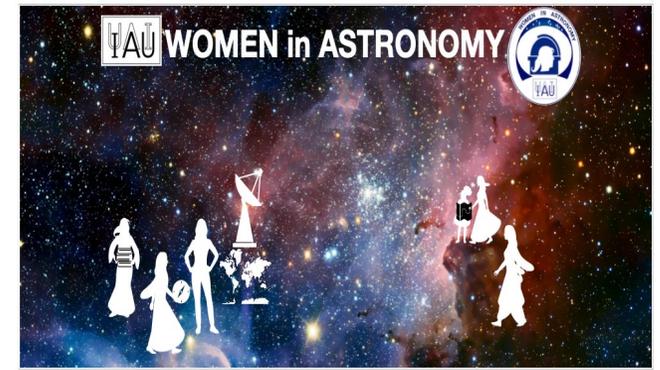
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GH09, 22 August 2022

IAU:WiA WG

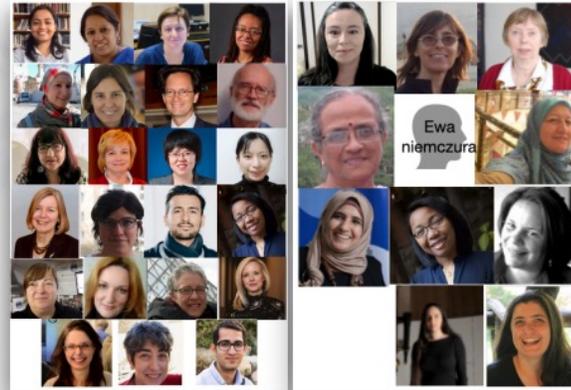


- IAU XXXI, 2021 General Assembly virtual meeting, August 2021, Mamta Pommier (Chair) and Priya Hasan (Co-Chair.)
- Focus on the difficulties (bias, reduced career prospects, leaky pipeline and lacking role models, childcare issues, harassment, discrimination, unfair working conditions) faced by Women in Astronomy, help bridge the gender gap in Astronomy and STEM fields, and help the careers of women researchers and young women Ph.D. students worldwide.
- Training Programs were planned once every 2 months.
- ***Open to all: Men & women....***

Efforts from the IAU WiA WG

To add to the ongoing efforts by many countries to increase the percentage of women in research and higher academics, the new International Astronomical Union Women in Astronomy Working Group volunteers have following objectives

IAU Women in Astronomy



Great Team!
Diverse & Inclusive
WG!



Fig. IAU WiA Survey Series-1 global participation from researchers

The current WG will highlight the difficulties (bias, reduced career prospects, leaky pipeline and lacking role models, childcare issues, harassment, discrimination, unfair working conditions) faced by Women in Astronomy, help bridge the gender gap in Astronomy and STEM fields, the careers of women researchers and young women Ph.D. students worldwide. To achieve these objectives, the four point work-plan has been put forward with a special focus on-

- (i) **Awareness & Sustainability-Engage-** Create awareness-Monthly Newsletters, activities, acknowledgement, **ENSEMBLE Magazine, publication, regularly updated on the website** -<https://sites.google.com/view/iau-women-in-astronomy/home> & **Celebrating** achievements, supporting activities to promote Women and girls in Astronomy, Work in collaboration with all the WGs of the IAU and international collaborators to **sustain careers**
 - (ii) **Training and Skill Building-Sustain-** train young students from school upto university level
 - (iii) **Fundraising and career retention-Recruit** and retain-by providing financial support to retain careers at every level by **Fundraising**
- Need funding to help career of Women in Astronomy at every stage!**
- (iv) **Dissemination and communication of results** via conferences, newsletters, etc.

Efforts from the IAU WiA WG- 1-Awareness & Sustainability-from students, early career to senior level researchers

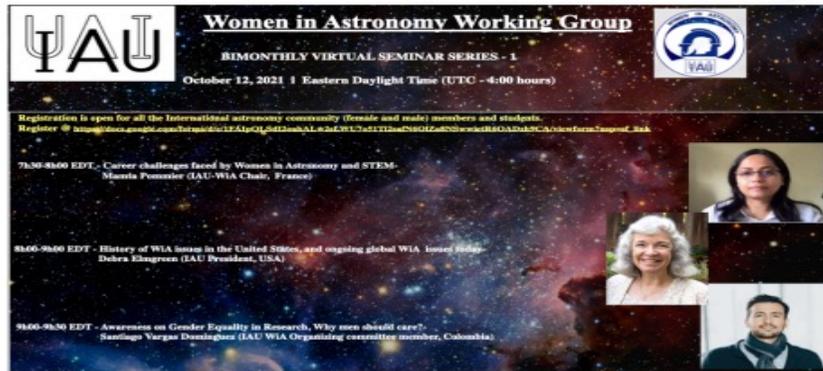
IAU Women in Astronomy Working Group
 BIMONTHLY VIRTUAL SEMINAR SERIES - 1
 October 12, 2021 | Eastern Daylight Time (UTC - 4:00 hours)

Registration is open for all the International astronomy community (female and male) members and students.
 Register @ https://docs.google.com/forms/d/e/1FAIpQLSdn2zCapePako3_oi3fPJB28wCGJEfsNq3SE-oOg5nLs3qww/viewform?usp=af_link

7:30-8:00 EDT - Career challenges faced by Women in Astronomy and STEM - Mamta Pommier (IAU-WIA Chair, France)

8:00-9:00 EDT - History of WIA issues in the United States, and ongoing global WIA issues today - Debra Engreen (IAU President, USA)

9:00-9:30 EDT - Awareness on Gender Equality in Research, Why men should care? - Santiago Vargas Domínguez (IAU WIA Organizing committee member, Colombia)



IAU Women in Astronomy Working Group
 International Day of Women and Girls in Science
 11th February, 2022 10h-12h CET (UTC + 1:00 hour)

Meet the scientists
Prof. Dame Susan Jocelyn Bell Burnell & Prof. Rohini Godbole

*On the International Day of Women and Girls in Science, we invite outstanding Lady Scientists who have made significant contributions in research and supported the careers of Women in Science, to share their experiences, and promote women and girls in science. They stand out today as true role models for the future generation of Women Scientists. Come and join us, listen to their experiences and passion for research, ask your questions in the open discussion session, and get inspired by their career paths.

Register at https://docs.google.com/forms/d/e/1FAIpQLSdn2zCapePako3_oi3fPJB28wCGJEfsNq3SE-oOg5nLs3qww/viewform?usp=af_link

Contact email: iauwia2124@gmail.com
 IAU Women in Astronomy Working Group



IAU Women in Astronomy Working Group
 INTERVIEW SERIES - 1
 December, 2021

Career challenges faced by Women in Astronomy-
 interview with **Prof. Dame Susan Jocelyn Bell Burnell**

by Mamta Pommier (Chair) & Priya Hassan (Co-Chair)

REAKTHROUGH
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In this interview series we look forward to meeting outstanding Lady Astronomers who have made significant contributions in research and supported the career of Women in Astronomy. They stand out today as a true role model for the future generations of Women Astronomers. These interview series are meant to highlight the challenges faced by Outstanding Women in Astronomy and get inspired by their career paths.

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IAU Women in Astronomy 'M...'



IAU Women in Astronomy Working Group
 VIRTUAL MENTORING SESSION SERIES - 1
 May 25, 2022 | 13h30-15h30 CET

Registration is open for all the International astronomy community members and students.
 Program website: <https://sites.google.com/view/iau-women-in-astronomy/home/upcoming-events-and-seminars>
 Register @ <https://forms.gle/YSKWbKhsacJw5jrE7>

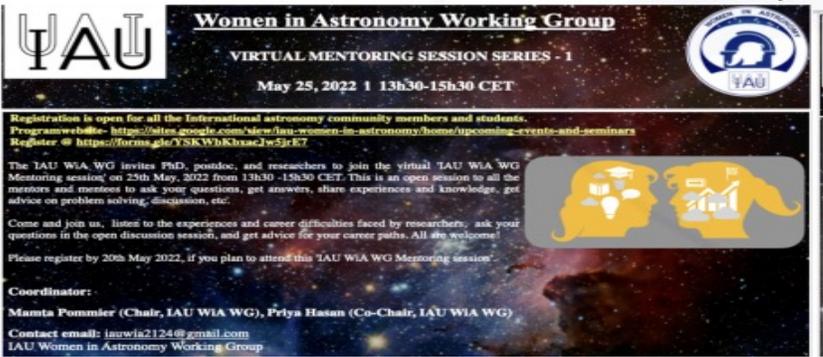
The IAU WIA WG invites PhD, postdoc, and researchers to join the virtual IAU WIA WG Mentoring session on 25th May, 2022 from 13h30 - 15h30 CET. This is an open session to all the mentors and mentees to ask your questions, get answers, share experiences and knowledge, get advice on problem solving, discussion, etc.

Come and join us, listen to the experiences and career difficulties faced by researchers, ask your questions in the open discussion session, and get advice for your career paths. All are welcome!

Please register by 20th May 2022, if you plan to attend this IAU WIA WG Mentoring session.

Coordinator:
 Mamta Pommier (Chair, IAU WIA WG), Priya Hassan (Co-Chair, IAU WIA WG)

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 IAU Women in Astronomy Working Group

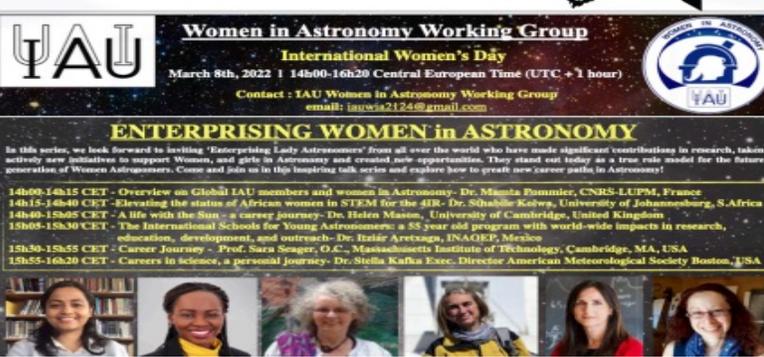


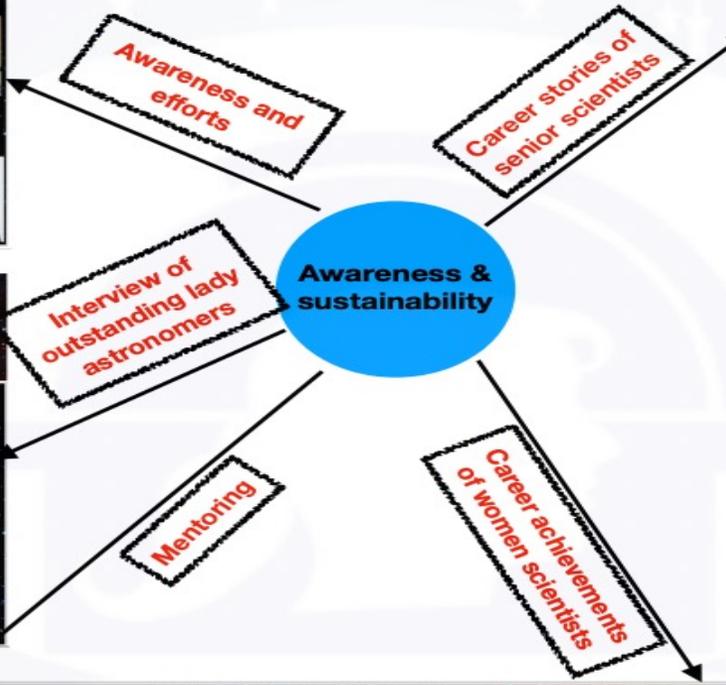
IAU Women in Astronomy Working Group
 International Women's Day
 March 8th, 2022 | 14h00-16h20 Central European Time (UTC + 1 hour)
 Contact : IAU Women in Astronomy Working Group
 email: iauwia2124@gmail.com

ENTERPRISING WOMEN in ASTRONOMY

In this series, we look forward to meeting 'Enterprising Lady Astronomers' from all over the world who have made significant contributions in research, taken actively new initiatives to support Women, and girls in Astronomy and created new opportunities. They stand out today as a true role model for the future generation of Women Astronomers. Come and join us in this inspiring talk series and explore how to craft new career paths in Astronomy!

14h00-14h15 CET - Overview on Global IAU members and women in Astronomy - Dr. Mamta Pommier, CNRS-LUPM, France
 14h15-14h40 CET - Elevating the status of African women in STEM for the 4IR - Dr. Shabolu Kebe, University of Johannesburg, S-Africa
 14h40-15h05 CET - A life with the Sun - a career journey - Dr. Helen Mason, University of Cambridge, United Kingdom
 15h05-15h30 CET - The International Schools for Young Astronomers: a 55 year old program with world-wide impacts in research, education, development, and outreach - Dr. Itziar Aretxaga, INAOEP, Mexico
 15h30-15h55 CET - Career Journey - Prof. Sara Seager, O.C., Massachusetts Institute of Technology, Cambridge, MA, USA
 15h55-16h20 CET - Careers in science, a personal journey - Dr. Stella Kafka Exec. Director American Meteorological Society Boston, USA





Efforts from the IAU WiA WG-

2-Training and skill building-from students, early career to senior level researchers

 Women in Astronomy Working Group BIMONTHLY VIRTUAL TRAINING PROGRAM SERIES - 1 November 8-12, 2022 18h-20h Indian Standard Time (UTC + 5:30 hours)	 Women in Astronomy Working Group BIMONTHLY VIRTUAL TRAINING PROGRAM SERIES - 2 January 10-14, 2022 13h30-15h30 Central European Time (UTC + 1 hour)	 Women in Astronomy Working Group VIRTUAL TRAINING PROGRAM SERIES - 3 April 11-15, 2022 5:45-9:15 Indian Standard Time (UTC + 5:30 hours)
<p>Registration is open for all the international astronomy community female members and students. Register @ https://www.google.com/events/iauwia-wia-wg-2022-11-08-12-2022-18h-20h-indian-standard-time-utc-5-30-hours</p> <p>TP1-Essential Skills for Astronomy Research</p>  <p>Coordinator: Priya Hasan (Co-Chair, IAU WiA)</p>	<p>Registration is open for all the international astronomy community female members and students. Register @ https://www.google.com/events/iauwia-wia-wg-2022-01-10-14-2022-13h30-15h30-central-european-time-utc-1-hour</p> <p>TP2-Essential Skills for Astronomy Research</p>  <p>Coordinator: Manka Pasmier (Chair, IAU WiA)</p>	<p>Registration is open for all the international astronomy community female members and students. Program website: https://sites.google.com/view/iauwia-wia-wg-2022-04-11-15-2022-5-45-9-15-indian-standard-time-utc-5-30-hours Register @ https://www.google.com/events/iauwia-wia-wg-2022-04-11-15-2022-5-45-9-15-indian-standard-time-utc-5-30-hours</p> <p>TP3-FROM ASTRONOMY DATA TO SCIENCE by Dr. Priya Hasan (Co-chair IAU WiA WG)</p>  <p>Coordinator: Manka Pasmier (Chair, IAU WiA)</p>



IAU WiA WG reaching out to students from University to school level-Work in collaboration with all the WGs of the IAU and international collaborators

1. **Training programs for University and early career researchers-** Training, mentoring in an unbiased and inclusive way- Regular seminar series and training programs.
2. **Promoting Girls and boys in STEM at the University level-**

A summary of feedback received from these participants are as below-

'-Thank you IAU WiA WG for the 2nd Training Program. I am glad that this 2nd program has addressed different topics.

-I think topics such as time management would be very useful. Also, more sessions on programming techniques (Astropy) would be very useful to be a better researcher. Unfortunately, there is a culture in which men are perceived as better programmers than women, so it can be difficult to

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Efforts from the IAU WiA WG-3-Dissemination and communication-for the whole community

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In issue 6 of the IAU Catalyst, we can read our IAU President Debra Elmegreen's welcome speech at the XXXI Virtual General Assembly Business Meeting in August 2021. Mamta Pommier, the chair of the IAU Executive Committee Working Group of Women in Astronomy, presents the rejuvenated actions of the group. Hear from Director Piero Benvenuti, about the IAU Centre for the Protection of Dark and Quiet Sky from Satellite Constellation Interference. And more.

As always, this issue also includes information on IAU publications, dates and deadlines.

The Catalyst is issued twice a year, as an electronic-only bulletin. We hope you enjoy reading it and encourage both IAU members and the IAU wider community to get involved in future issues by submitting news and contributions about events or topics that you consider relevant to IAU members.

Previous issues of the IAU Catalyst are also available on the IAU website.

More information

The IAU is the international astronomical organisation that brings together more than 12 000 active professional astronomers from more than 100 countries worldwide. Its mission is to promote and safeguard astronomy in all its aspects, including

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Executive Committee WG Women in Astronomy

Documents

- [WG Annual Report \(2021-2022\) - Women in Astronomy](#)
- [Women in Astronomy Newsletter - February-March 2022](#)
- [Women in Astronomy Newsletter - January 2022](#)
- [Women in Astronomy Ensemble Magazine issue 1- December 2021](#)
- [Women in Astronomy Newsletter - November 2021](#)
- [Women in Astronomy Newsletter - October 2021](#)
- [Women in Astronomy Newsletter - September 2021](#)
- [WG Triennial Report \(2018-2021\) - Women in Astronomy](#)
- [WG Annual Report \(2019\) - Women in Astronomy](#)
- [WG Triennial Report \(2015-2018\) - Women in Astronomy](#)

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IAU-WiA
MONTHLY NEWSLETTER

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January 2022 | Issue 4



IAU Executive Committee Women in Astronomy Working Group Annual Report 2021-2022

