



World Space Week 2021 Celebration

Organised by SPSB



Women in space science

Syeda Lammim Ahad

PhD candidate, Leiden Observatory

Leiden, The Netherlands

Intl. Research Secretary, Bangladesh Astronomical Society

Jocelyn Bell Burnell

Visiting Professor, Astrophysics, University of Oxford (2004-present)

- Born in 1943, in Lurgan, Northern Ireland
- Discovered pulsar for the first time with her supervisor Antony Hewish (Nobel prize 1974)
- received the special Breakthrough Prize in Fundamental Physics for her scientific achievements and "inspiring leadership", worth \$3 million.
- Created scholarships to assist women, underrepresented minorities and refugees who are pursuing the study of physics.



Ewine van Dishoek

Professor, Molecular Astrophysics,
Leiden Observatory

- Born 1955, in Leiden, the Netherlands
- Served as the President of the International Astronomical Union (2018-2021)
- One of the pioneers of astrochemistry, received many awards
- Her research is aimed at determination of the structure of cosmic objects using their molecular spectra.



Andrea M Ghez

Professor, University of California, Los Angeles

- Born 1965
- Her research focuses on the center of the Milky Way galaxy.
- Awarded the Nobel Prize in Physics (2020), being the fourth woman ever to be awarded the the prize.
- Their discovery of a supermassive compact object, now generally recognized to be a black hole, in the Milky Way's galactic center.



Photo: Jan Nordén, The Royal Swedish Academy of Sciences

Sandra M Faber

The University Professor of Astronomy and Astrophysics, University of California, Santa Cruz

- Born 1944
- Known for Faber–Jackson relation, and designing the Keck Observatory
- Her research focuses on the formation and evolution of galaxies and the evolution of structure in the universe
- A minor planet #283277 Faber is named after her



Sultana Nahar

Research Professor, Ohio State
University, USA

- Pioneering astrophysicist from Bangladesh
- Her research is on radiative and collisional atomic processes in astrophysical and laboratory plasmas

