

Nicolaus Copernicus Astronomical Centre

Centrum Astronomiczne
im. M. Kopernika PAN



Welcome!



History



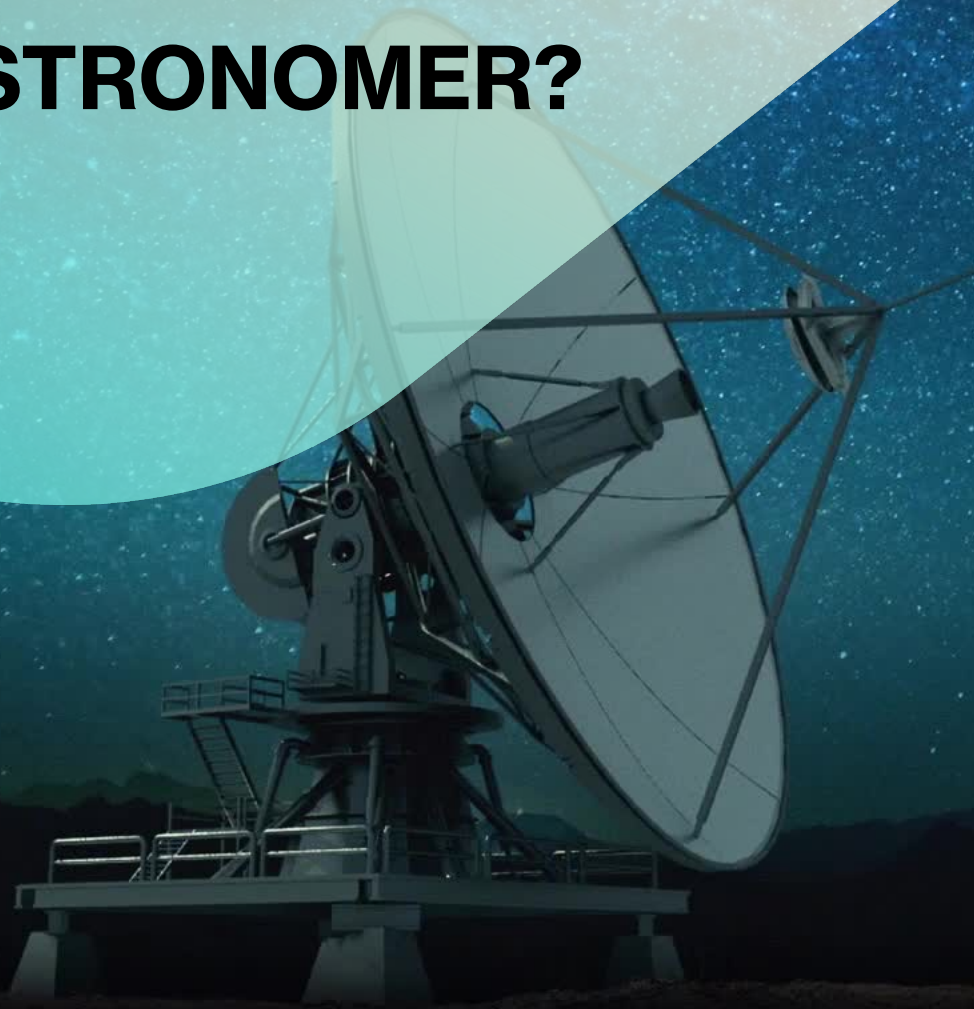
Famous people



Research



**So you want to be
an
ASTRONOMER?**







Education: Pursue a solid education in astronomy or a related field such as physics or astrophysics. This typically involves obtaining a bachelor's degree followed by graduate studies for a master's or doctoral degree in astronomy or a related field.



Strong foundation in math and physics:

Astronomy relies heavily on mathematics and physics principles. Having a strong background in these subjects will be essential for understanding the theories and concepts underlying astronomical phenomena.



Observational skills:

Developing the ability to observe celestial objects accurately and interpret data from telescopes and other instruments is crucial for an astronomer. This includes learning how to use various observational techniques and technologies.



Analytical and critical thinking:

Astronomers often need to analyze complex data sets, formulate hypotheses, and draw conclusions based on evidence. Developing strong analytical and critical thinking skills is essential for success in this field.



Computer literacy:

Astronomy relies heavily on computational techniques for data analysis, modeling, and simulation. Proficiency in programming languages such as Python, MATLAB, or IDL, as well as familiarity with specialized software used in astronomy, will be advantageous.



Curiosity and creativity:

Astronomy is a field that thrives on curiosity and exploration. Being curious about the universe and having a creative approach to solving problems will help you make new discoveries and push the boundaries of knowledge.



Communication skills:

Being able to communicate your research findings effectively, both orally and in writing, is important for sharing discoveries with the scientific community and the general public. Developing strong communication skills will also help you collaborate with colleagues and present your work at conferences and meetings.



Persistence and resilience:

Astronomy is a competitive field, and success often requires persistence and resilience in the face of challenges and setbacks. Being able to persevere through difficult times and stay focused on your goals will be key to achieving success as a young astronomer.















6TH MEETING OF YOUNG ASTRONOMERS 6-8 March 2024

Organized by the Nicolaus Copernicus Astronomical
Center of the Polish Academy of Sciences



Topics include:

Stellar astrophysics
High-energy astrophysics
Compact objects
Accretion processes
Active Galaxies
Cosmology
Stellar mergers
Dark matter
Q+A sessions

REGISTRATION:



Moreover, we will tell you
what it is like to be a PhD
student!