

Communicating radio astronomy

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Outreach officer

Introduction

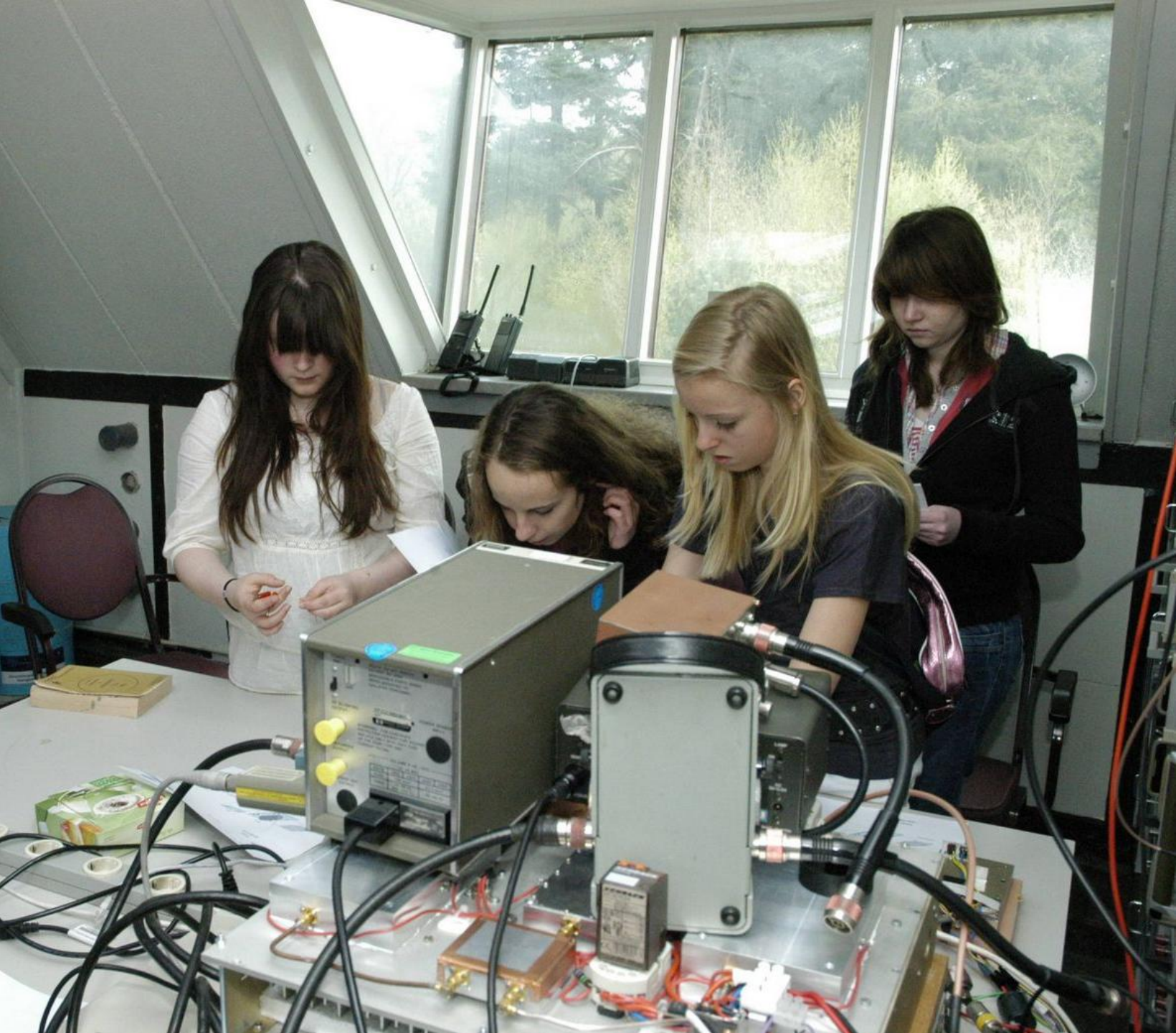
- Outreach in 2010
- Outreach in 2011















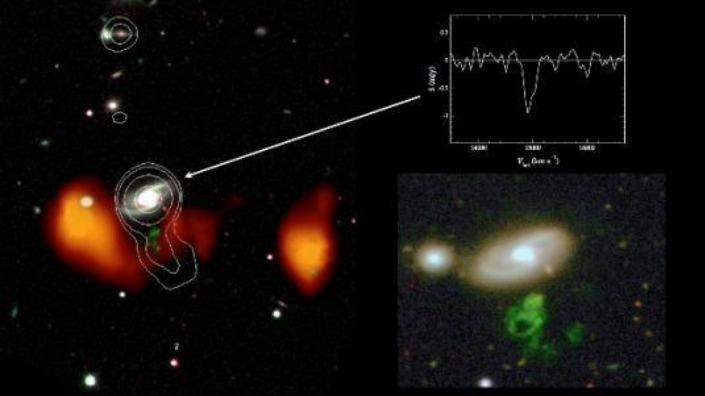
Outreach in 2011











GALAXY ZOO



Samenwerkingsverband Noord-Nederland (SNN) wil u, als inwoner van de provincie Groningen, Fryslân of Drenthe, door middel van deze website informeren over een aantal mooie en spraakmakende projecten in uw regio. Deze projecten zijn tot stand gekomen met Europese subsidies, verstrekt door het SNN.

Klik op de foto's om naar de projecten te gaan

Blij met Europa



- Organising excursions for primary and high school students
- Making standard materials (presentations, tours)
- Examples of programme:
 - Presentations @ tours through building/ @ Westerbork/ @ LOFAR
 - Building a spectroscope
 - Observing pulsars in Dwingeloo live programme
 - Working with GalaxyZoo or SETI@home
 - Calculating the age of the Universe
 - Building a radio receiver
 - Making pulsars (for primary schools)
 - Putting planets in the right order (for primary schools)
 - Experiment with chocolate foam candy (for primary and high schools)
- Other educational activities:
 - Helping students with writing reports for school
 - Organise master classes
 - Research the possibility for a summer school @ASTRON for high school students





- Regional and national government representatives
 - Primary and high school students
 - The business community and industry
 - Scientific community
 - Under-represented groups in science & technology (women, ethnic minorities, people with a handicap and others)
 - The public
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- Cooperation: JIVE, NOVA, NEMO, CAMRAS, NWO
 - New building and outreach

NEW MOVIES



[What is LOFAR!](#) (2010. In English, © ASTRON and Blue Media)



The next generation radio telescope: [The Square Kilometre Array Animation 2010](#) (© Swinburne Astronomy Productions)

Below you can find movies about the Westerbork telescope, the LOFAR telescope and special projects.



ASTRON

- [What is ASTRON?](#) (NL) (© 2001 Peter Prys)
- [What does ASTRON do?](#) (NL) (© 2001 Peter Prys)



Westerbork
telescope

- [The Westerbork Synthesis Radio Telescope](#) (NL) (© 2001 Peter Prys)
- [The Westerbork telescope in aerial view](#) (© ASTRON)
- [Animated telescopes](#) (© ASTRON)
- [Trailer of the Westerbork telescope in "Around the World in 80 Telescopes during 100 hours of Astronomy"](#) (© ASTRON)



LOFAR telescope

- [Animation \(Eng\) \(NL\)](#) (© ASTRON)
- [The LOFAR project](#) (NL) (© 2001 Peter Prys)
- [Trailer of the LOFAR telescope in "Around the World in 80 Telescopes during 100 hours of Astronomy"](#) (© ASTRON)
- [NEW: What is LOFAR! \(Eng\)](#) (© ASTRON and Blue Media)



- [SKA animation 2010](#) (Swinburne Astronomy Productions)
- [SKA project](#) (NL) (© 2001 Peter Prys)





