

# SINGLE-DISH SUMMER SCHOOL



The National Radio Astronomy Observatory (NRAO) Green Bank and the National Astronomy and Ionosphere Center (NAIC) Arecibo Observatory are organising the **fourth NAIC-NRAO** school on single-dish radio astronomy. The summer school will take place July 8-15, 2007 at the NRAO in Green Bank, West Virginia. The purpose of the school is to allow students, postdocs, and experts in other fields of astronomy to explore emerging techniques and applications of single-dish radio astronomy.

The school will consist of an intensive series of lectures from world-class experts as well as hands-on projects in radio astronomy. Participants will be given the opportunity to make observations using the Green Bank and Arecibo telescopes and become familiar with the observation and data-reduction process.

#### The primary goals are

- to provide participants with a strong grounding in fundamental elements of single-dish radio astronomy and its relation to other observing techniques,
- to give an overview of current and emerging capabilities of single-dish radio telescopes and associated instrumentation,
- to provide practical experience with a single-dish telescope and to introduce participants to the hardware and software used in taking and reducing observations.

Lecturers and participants are invited to contribute posters describing research conducted with single-dishes.

Proceedings of the Single-Dish School, published in the ASP Conference Series, will be provided to this year's participants as part of the registration fee.

**The number of participants will be limited to approximately 40 people. A registration fee of \$200 will include**

- travel between Green Bank and Dulles airport,
- welcome reception,
- social events,
- school banquet,
- a copy of the proceedings.

Announcements and further information can be found at the single-dish summer school website at <http://www.gb.nrao.edu/sdss07>



**July 8 -15, 2007**

National Radio Astronomy Observatory  
Green Bank, West Virginia

<http://www.gb.nrao.edu/sdss07>

