

EU-HOU training session in Pampilhosa da Serra (Portugal)

9-13 April 2011

Preliminary Programme

Saturday 9th April 2011 – Pick-up from Lisbon Airport – 7:30 pm and trip to Pampilhosa da Serra

Sunday 10th April 2011

9:00 am – 09:30 Welcome in Portugal, Rosa Doran (Portugal)

10am-15pm Pampilhosa Anniversary and visit to the GEM Radio Antena

Monday 11th April 2011

9:00am-10:00am Presentation of the EU-HOU project, Roger Ferlet (France)

10:00am-11:00am Our current view of the Milky Way, Peter Kalberla (Germany)

11:00-11:30am Coffee break

11:30am-12:30am EU-HOU Internet Educational Solar Radio Telescope, Cezar Lesanu (Romania)

12:30am-1:30pm Presentation of the LAB whole sky survey: the atomic gas of the Milky Way, Peter Kalberla (Germany)

1:30pm-3:00pm Lunch break

3:00pm-4:00pm Demonstration of HI observations with SALSA in Sweden, Maria Luisa Teixeira (Portugal) & Frederic Boone (France)

4:00pm-5:00pm How to use the simulator of observations, F. Boone (France)

5:00pm-6:00pm Remote Internet Satellite Receiving Network – a radio amateur project as platform for education, Cezar Lesanu (Romania) 8:30 pm – Play by a Portuguese Group

[\(http://www.encerradoparaobras.com/\)](http://www.encerradoparaobras.com/)

Tuesday 12th April 2011

9:00-10:00am Current observing facilities ALMA: a huge interferometer to observe at mm wavelengths, F. Boone (France)

10:00am – 10:45am How to search for spiral arms ? Peter Kalberla (Germany)

10:45-11:15am Coffee break

11:15am-12:00am How to reconstruct a rotation curve? Peter Kalberla (Germany)

1:00pm-3:00pm Lunch break

3:00pm-4:00pm Current challenges in radioastronomy : the Square Kilometer array project (TBC).

4:00pm-5:00pm Analysis of SALSA data with SalsaJ (Frederic Boone, France)

5:00pm-6:00pm Sun Observing Session at “Espaço JIRA” followed by a visit to the place.

Evening: Yuri’s night – 50 years from the first manned flight in space

The ARISS (Amateur Radio on International Space Station) will make commemorative radio transmissions from ISS.

Wednesady 13th April 2011- Return trip to Lisbon Airport departing from Pampilhosa at 09:00