

Astronomy@MyPC
Turku, 8 - 12 July 2013
Preliminary Program

8 JULY 2013

Special Session at the EWASS-European Week of Astronomy and Space Science in Logomo Centre

- 08:45-09:00 Group meeting at the EWASS reception desk in Logomo Centre
09:00-09:45 Opening Ceremony
09:45-10:30 Plenary Talk
10:30-11:00 Coffee Break
11:00-11:45 Plenary Talk
11:45-13:15 Amateur Astronomy – Scientific Impact and Public Outreach
13:15-14:30 Lunch
14:30-16:00 Educational Activities and School Programs
16:00-16:30 Coffee Break
16:30-18:00 Galileo Teacher Training Program (GTTP) – introduction to modern tools for science education
- 19:00 Get together Party, Volunteer Fire-brigade Banquet Hall

9 JULY 2013

9h-13h00

- Opening Session
- Lecture: “The Sun and the Solar System”
- Sun4All – A project to study the Sun using real solar observations
- Introduction to Inquiry Based Science Education (IBSE) and Educational portals

14h-17h30

- Stellarium – Introduction to the planetarium software
- Celestia – Introduction to this real-time 3D simulation of the Universe
- World Wide Telescope – Your computer as a virtual telescope

19:00 - Visit to Tuorla Observatory & Planetarium

10 JULY 2013

9h-13h00

- Lecture: “Life Cycle of Stars”
- Observing with Robotic Telescopes
- Universe Notebook – How to build a notebook with your own images of the Universe

14h-18h

- Image processing with SalsaJ and Gimp
- SpectraJ – An e-tool to study stellar spectra and calculate the distance to the Small Magellanic Cloud

11 JULY 2013

9h-13h00

- Lecture: “From the Big Bang to the stellar spectra”
- International Projects – International Asteroid Search Campaigns, Dark Skies Rangers

14h-18h

- Citizen Science Projects - CosmoQuest
- Data archives with ESA applications and Aladin

12 JULY 2013

9h-13h00

- Crashing Galaxies in the classroom
- Final Evaluation
- Closing Session

14h Visit to Turku