



EANweb NEWSLETTER April 29th European AstroSky Network - Italy

(edit by Rodolfo Calanca e Angelo Angeletti)

www.crabnebula.it/rc/menu_EAN.htm

Web-TV: www.livestream.com/eantv



May 15, 2010: MEETING EAN – European AstroSky Network
on: “ 2010-2011 PROJECTS”
 on the web: www.crabnebula.it

Public Astronomical Observatory – Sala del Planetario
 Vicolo Baciadonne, 1 - SAN GIOVANNI PERSICETO (BO) Italy
EAN MEETING PROGRAM

(ATTENTION: UT = hour indicated – 2h)

10:00 : Opening of the meeting and presentation. by **Valentino Luppi** (San Giovanni Persiceto Astronomy group Chairman) , and **Rodolfo Calanca** (Editorial Director EANweb).

10:15-10:40: Prof. **Roberto Bedogni** (Astronomical Observatory INAF Bologna), “*Modern methods of research and extrasolar planets observation*”

10:45-11:10: Videoconference Intervention with simultaneous translation by **Ido Bareket**, (Bareket Observatory, Israel: “*WORLDS OF THE SKY: an example of International collaboration*”.

11:15-11:40: Videoconference Intervention with simultaneous translation by **Lech Mankiewicz** del Center for Theoretical Physics of the Polish Academy of Sciences, “*Extrasolar planet and WORLDS OF THE SKY public Project*”.

11:50-12:15: First intervention on astronomical newscast on the web.

12:20-12:40: Second intervention on astronomical newscast on the web

12:40-13:00: Open discussion on : “Worlds of the sky” and “Astronomical news on the web”

13:00-15:00: LUNCH BREAK

15:15-15:45: **Angelo Angeletti**, “*Presentation of Astronomy Video Course*”

- 15:50-16:15: Salvatore Albano**, “*As I am preparing my video lesson* “ in Videoconference Intervention.
16:15-16:45: Open discussion on the issues related to implementation of Video course.
16:50-17:15: Fabrizio Ciabattari, “*Technical aspects in the management of remote telescopes*”
17:20-17:45:: Mauro Dolci (INAF Collurania Astronomical Observatory)“*Research programs with remote management telescopes*”
17:45-18:00: Open discussion and meeting closing .

The meeting will be entirely filmed live on the web and videotaped

TOPICS OF THE MEETING

1) "Land of Sky - Worlds of the Sky" project on extra solar transits observation is possible thanks to the established cooperation for some months, with the Observatories of Brera, INAF, Palermo and with numerous Italian and foreign institutions engaged in research disclosure and astronomy. Previous experiences in Europe, gained through the project "Extra solar LIVE!" In 2007-2008 and the current one in place, showed that at least in the great part of the research on extra solar planets transits, is possible to program the outreach activities, teaching and research of considerable interest not only nationally but also and especially at international levels.

The project has mobilized the attention of a large audience, consisting of astronomy, students and teachers from all over Europe (but also from the USA, Latin America, etc..) They watched videos on You tube in Italian, English and Chinese, made by observers of Brera, Palermo and EAN to publicize the event. We Should also remember the thousands of visits occurred at the site www.crabnebula.it several days before the proposed dates for public viewing live on internet by Merate and EAN astronomers. Another effort has been made by some astronomers and experts in the Brera software (including, Stefano Covino and Paolo D'Avanzo) who prepared a database that can accommodate all the information about past and future extra solar transits (images, curves light, text files, etc.)..

2) Astronomy video course, introduced by Angelo Angeletti. Suggestions for video. The idea is structured in three thematic areas:

a) Planetary and Observatories management

b) General astronomy elements

c) Programs and research techniques to advanced amateurs

- Each topic will be developed in 10 video lessons 1h 30m each (indicatively , 15 hours for each topic, during the entire 45 hours)

- Teachers will be thirty experts from among the most experienced and amateur astronomers in the individual areas covered by the course

- We are identifying 30 subjects covered in the lectures. Each lesson must have a documentary style. The speakers have to agree with us the lesson plot (Angelo Angeletti will prepare a reference on the observation of extra solar transits, as a model), and then they can realize it just using a normal camera.

- The course should be distributed by mid-2011.

- We are studying the possibility to distribute the course on DVD or on the web with a small fee request.

- We are also exploring the possibility to issue a certificate after examination; by videoconference.

3) Astronomical research with highly automated acquisition systems

Topic discussion on the possibility to network a large number of telescopes, from north Italy to south, managed with the software RICERCA. The aim is to connect dozens of instruments. We analyze the areas of research that can be afford by this instrumental configuration.

4) The creation of a web Astronomical cast news

We'll discuss plans for weekly astronomical news on the web, with a journalistic style, to make announcements of interest at both national and European level. News and any movies will be provided by the users, at professional or amateur conferences, Star Party, extreme events observations, Messier Marathon, etc.. The information will come from the web, from associations, from individuals and observers (both amateur and professional).



Valentino Luppi, San Giovanni Persiceto Astronomical Association Chairman, will welcome and introduce the meeting .



Rodolfo Calanca, Editorial Director EAN web, will serve as moderator and will present the day topics and speakers
web site: www.crabnebula.it/rc/index.htm



Angelo Angeletti, Professor of Physics, President of the Crab Nebula Society Tolentino (MC), Deputy Editorial EAN, project manager of the EAN Video course of astronomy, will present the Video course.



Ido Bareket, Bareket Observatory (Israel), *WORLDS OF THE SKY: an example of International collaboration*, will be in Videoconference with simultaneous translation.
web site Bareket Observatory: <http://www.bareket-astro.com/>
Skype name: ido.bareket



Salvatore Albano, famous observer, author of the books: “*The art of observation with the telescope*” and “*Visual observation of deep sky*”, will speak on: “*As I am preparing my video lesson*” will be in videoconference from NATURE & Co. Turin (Italy).

Web site: www.salvatorealbano.it/



Fabrizio Ciabattari, Professor of Physics, a member of the group that manages the Astronomical Research Observatory Mount Agliale (LU), discoverer of supernovae, an expert on robotic telescopes, will speak on: “*Technical aspects in the management of remote telescopes.*” .

web site: www.oama.it/



Prof. **Roberto Bedogni**, astronomer at INAF Bologna Astronomical Observatory, will discuss “*Modern methods of research and observation of extra solar planets.*”



Dr. **Mauro Dolci**, astronomer at the INAF Astronomical Observatory of Collurania (Teramo), will discuss “*Research programs with remote management telescopes*”.



Prof. Lech Mankiewicz, Center for Theoretical Physics of the Polish Academy of Sciences, Poland, will discuss: ““*Extrasolar planet and WORLDS OF THE SKY public Project*”