

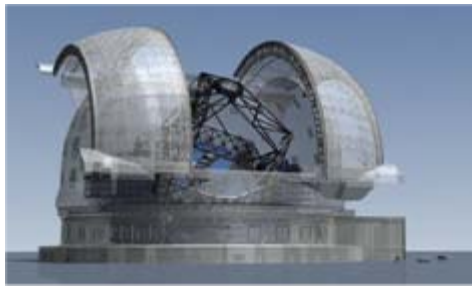
# FP7 program "Preparing for the construction of the European Extremely Large Telescope (E-ELT)"

Work Package 600 "Network of Nodes of Expertise"

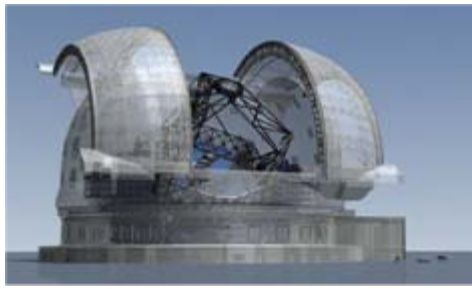
Work Package Coordinator : Sandro D'Odorico (ESO)

Network 4 " Wide field imaging at the E-ELT: from GLAO to diffraction limit" - Network coordinator: Magda Arnaboldi (ESO)

## Imaging at the E-ELT - a one day workshop



1. Network's background, goals & activities
2. Summary Network Milestones and Deliverables
3. This workshop



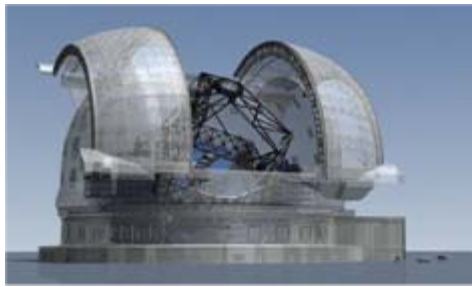
# Network background and goals

- **Background**

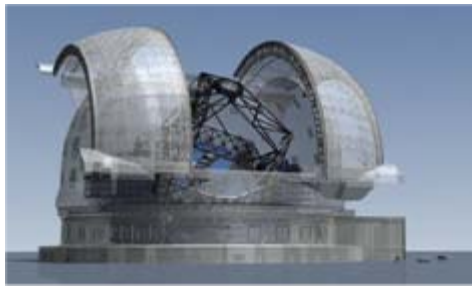
- the E-ELT is a facility that is expected to operate for 30 years.
- Based on the VLT experience, a key to its success is an upgrade plan for the second generation of instruments behind those conceived for 1<sup>st</sup> light. Achievable with the coordination and support of the key European institutes, plus the development of new groups.

- **Goals**

- Given the framework set by the scientific requirements of the E-ELT instrument studies for 1<sup>st</sup> light, the goal of this network is to identify the parameter space of the upgrade path in the area of wide field imaging (WFI).
- **WFI@E-ELT: going beyond those applications which require very high Strehl ratio on single sources over a very small field, e.g. imaging of planets.**

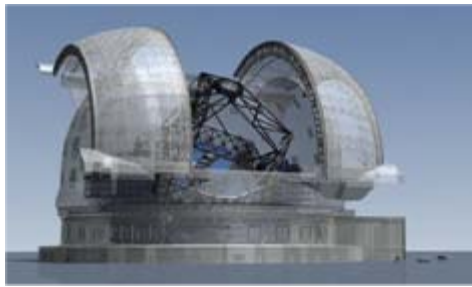


1. Kick-off meeting 25.01.2008 - Participants from 4 nodes of expertises
  - INAF, Obs. of Padua - R. Ragazzoni, R. Falomo
  - Leiden Observatory (NOVA) - R. Stuik , J. Brinchmann
  - Astrophysics, Univ. Oxford - G. Dalton, I. Hook
  - Edinburgh, UK ATC. - C. Evans, S. Todd
2. Statement of Work (SoW) - 1<sup>st</sup> Milestone - In final form Oct. 6, 2008
3. New members of the network
  - Dr Johan Fynbo , Niels Bohr Institute Copenhagen University, Denmark
  - Dr Paolo Ciliegi, INAF Obs. of Bologna, Italy
  - Dr Joao Alves, CAMCAO
4. 2<sup>nd</sup> Milestone - Imaging at the E-ELT- Workshop involving the community



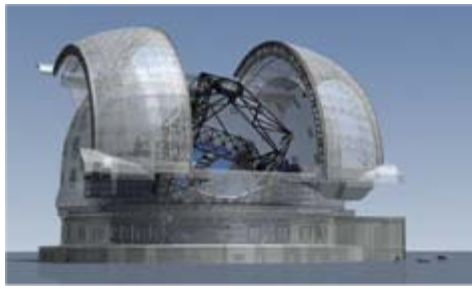
# Summary Network Milestones (I)

Milestones/Meetings	Date (months)	Meeting/review location
Kick-off (To)	25.01.08	ESO
1 Progress meeting	28.10.08	ESO
Milestone 2: ESO WP Manager + Network coordinator organise workshop embracing the Network topics with community involvement	29 May 09	ESO
2 Progress meeting	29 October 09	ESO



# Summary Network Deliverables (II)

Deliverables	Date (months)	Meeting/review location
Deliverable 1: Statement of Work	July 08	ESO
Deliverable 2: Network Coordinator delivers draft of Network 4 – Analysis and development work plan to WP Manager	May 09	ESO
Deliverable 3: Network Coordinator delivers Final Network 4 – Analysis and development work plan Report to WP Manager	December 09	ESO



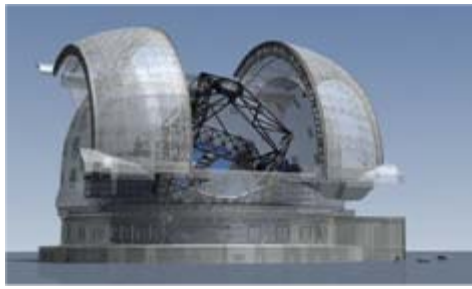
# Imaging at the E-ELT

1. Aim of the workshop: bring together the community working on

- WFI@4-8 meter telescopes, optical and NIR
- Performance and constraints for the E-ELT imaging
- Imaging at the next generation telescopes
- E-ELT: imaging at 1<sup>st</sup> light and upgrade path

2. Goals: discuss synergies, alternatives and trade-offs for WFI@E-ELT

3. Program available at : [www.eso.org/sci/facilities/eelt/fp7-elt-pub/wfi\\_workshop/program.html](http://www.eso.org/sci/facilities/eelt/fp7-elt-pub/wfi_workshop/program.html)



# Imaging at the E-ELT (I - cont.)

1. We would like to collect your presentations (pdf) and make them available from the workshop web-pages.
2. SOC wishes to maintain a written records of the contribution from today's speakers.
3. Proceedings will be added to the report of Network 4.
4. A template document has been sent already to the invited speakers.
5. The contribution may be up to 8 pages
6. Deadline for submission is July 16<sup>th</sup>, 2009.
7. Contribution to be sent to [marnabol@eso.org](mailto:marnabol@eso.org)