

# EVALSO

## and the role of standards

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# Consortium members



Università di Trieste

European Organisation for  
Astronomical Research in the  
Southern Hemisphere



Consortium GARR  
(Italy)

Nederlandse  
Onderzoekschool  
voor Astronomie



Cooperación Latino Americana  
de Redes Avanzadas

Queen Mary  
University of London



Red Universitaria Nacional  
(Chile)

INAF – Osservatorio  
Astronomico di Trieste



e-infrastructure

Astronomisches Institut  
Ruhr-Universität Bochum



# Project objectives

## Enabling Virtual Access to Latin-America Southern Observatories

- World-class experimental facilities are often placed in remote sites
- Fruition of these facilities is socially and economically difficult
- European research community depends on these facilities to maintain its role
- Networking technologies can play a significant role in this respect



# Work plan outline

- Enhance the infrastructure in Chile
  - Enabling step for the whole project
- Fast data access
  - Make data available in Europe in a matter of hours
- Virtual Presence
  - Allow people to really interact without the need of a long trip
- New Observing Modes
  - Apply all the above to Observing Activities



# Standards related work

- Little if any standardization work
- Application of existing standard and tuning of the parameters to the specific field
- Experience gaining on exploiting complex instrumentation from remote
- Feedback to strategy planners and bodies to facilitate scale economies in running large excellence facilities

