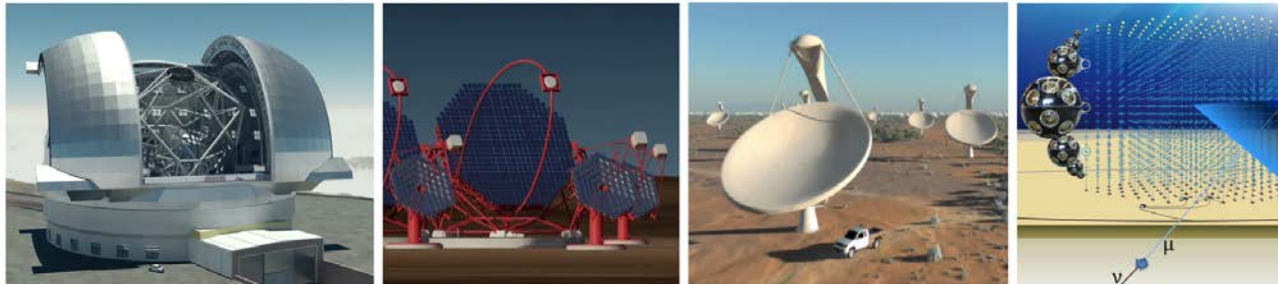


ASTERICS Periodic Review 1

Overview and Forward Look



Prof. dr. Marco de Vos
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ASTERICS Coordinator

The Challenge

To establish a single collaborative cluster of next generation ESFRI telescope facilities and other relevant research infrastructure initiatives in the area of astronomy, astrophysics and astroparticle physics.

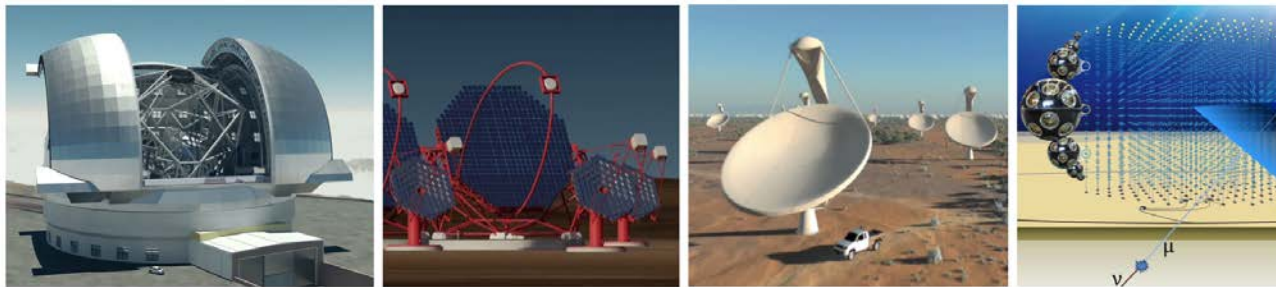
“Addressing cross-cutting synergies and common challenges shared by astronomy ESFRI facilities”



Mission Quite Possible!

CTA, E-ELT, KM3NeT and SKA all involved in WPs

- Active collaborations on tools and methods in Obelics & Cleopatra
- Active participation in DECS Open Science events
- Active participation in DADI Forums and Schools
- Added value of commensal observing and complex scheduling



DECS Forward Look

- First two mass participation experiments scheduled to go live in March 2017 – one already live
- Educational resources ready at the same time; promotional animations under development
- Next Citizen Science workshop in 2017 at INAF
- Publications of the Astronomical Society of Australia would like to publish the Citizen Science workshop results

Obelics Forward Look

- 1st ASTERICS-OBELICS International School
 - large audience, multi-level, multi-discipline
- Benchmarking and tool-development LPC
- Exploit the different database solutions (Qserv, Spark)
- Define a data model based on HDF5 for CTA
- Complete libraries and tools for analysis

DADI Forward Look

- Ensure DADI legacy in VO, ESFRI and PathFinders
- Have astronomy/astroparticle projects working hands in hands with common goals
- Ensure to science community that the VO is and will be there to use, but invisible because seamless access is the aim

Cleopatra Forward Look

- Complete planned demonstrations
 - Including the delayed Task 2
- Fulfil the real need in community for standards, implementation of filters, protocols
- Commercial applications benefit from results

And we will work on...

Formal top-level interaction with ESFRI projects

- Tour of ESFRI Project Directors, ...

Increased industry engagement

- As planned in Obelics and Cleopatra

Increase engagement with (EC funded) projects

- Through more active use of Policy Forum
- Targeted new strategic collaborations

Continued Focus on...

- Open Innovation
- Open Science
- Open Training
- Open Collaboration





Help astronomers to find elusive muons disguised as gamma rays!

Library mode Get started

26 people are talking about Moon Hunter right now

Join in

MUON HUNTER STATISTICS

3,983	1,313,913	124,359	56,521
Yourselves	Contributors	Subjects	Completed Subjects

