Introduction to ASTERICS

Françoise Genova

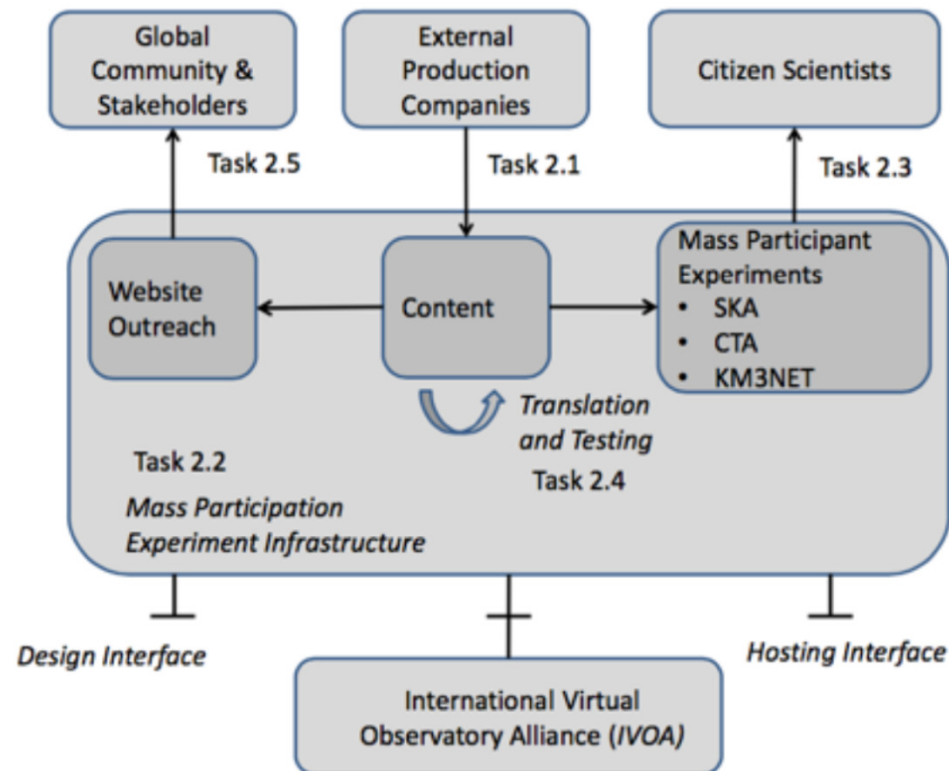(viewgraphs inspired from Mike Garrett's)

ASTERICS

- Astronomy ESFRI Research Infrastructure Cluster
- Horizon2020 project submitted in September 2014 – Topic : Implementation of cross-cutting solutions for clusters of ESFRI research infrastructures
- Focus: SKA, CTA, KM3Net, close links with E-ELT and EGO
- 22 partners, 15 M€, including 4.5 for WP4, 4 years, began 1 May 2015
- Major collaboration Astronomy/Astrophysics/Astroparticle physics
- Multi-wavelength/multi-messenger

- # DECS (WP2) - Stephen Serjeant (OU):

ASTERICS WP2 – Dissemination, Engagement and Citizen Science

- # OBELICS (WP3) - Giovanni Lamanna (CNRS-LAPP):

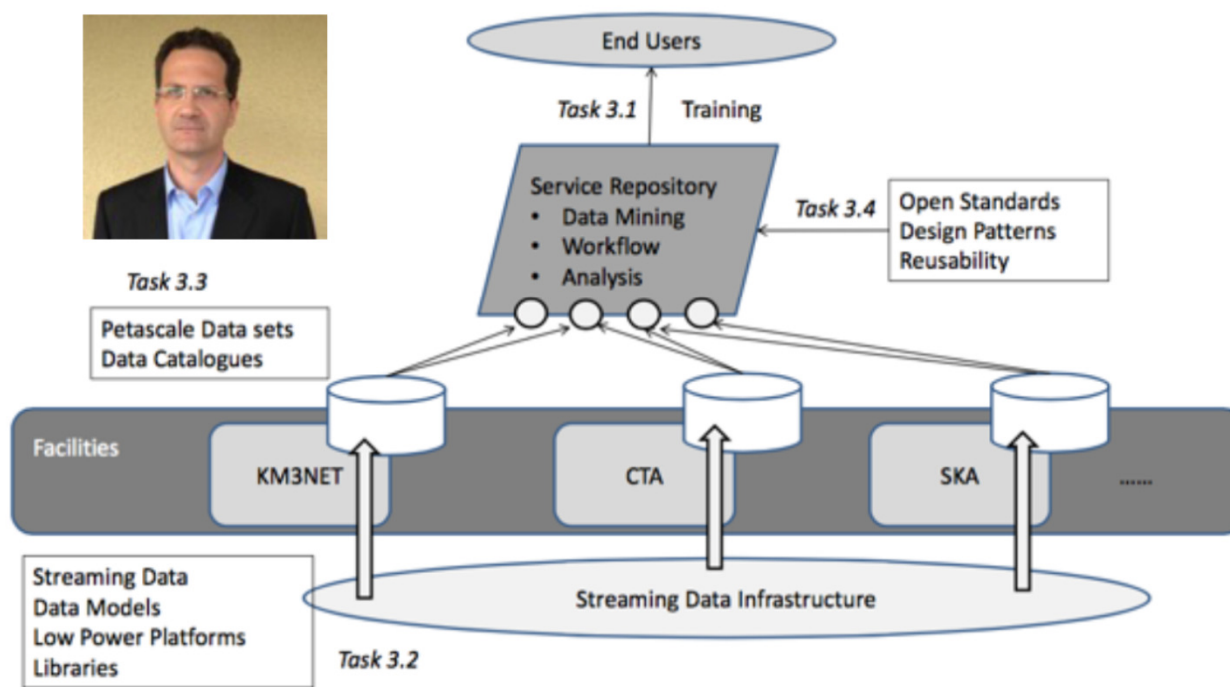**ASTERICS WP3: OBELICS (OBservatory E-environments LInked by common ChallengeS)**

Figure 5: ASTERICS delivers a repository of services and Data Technology solutions for the ESFRI projects.

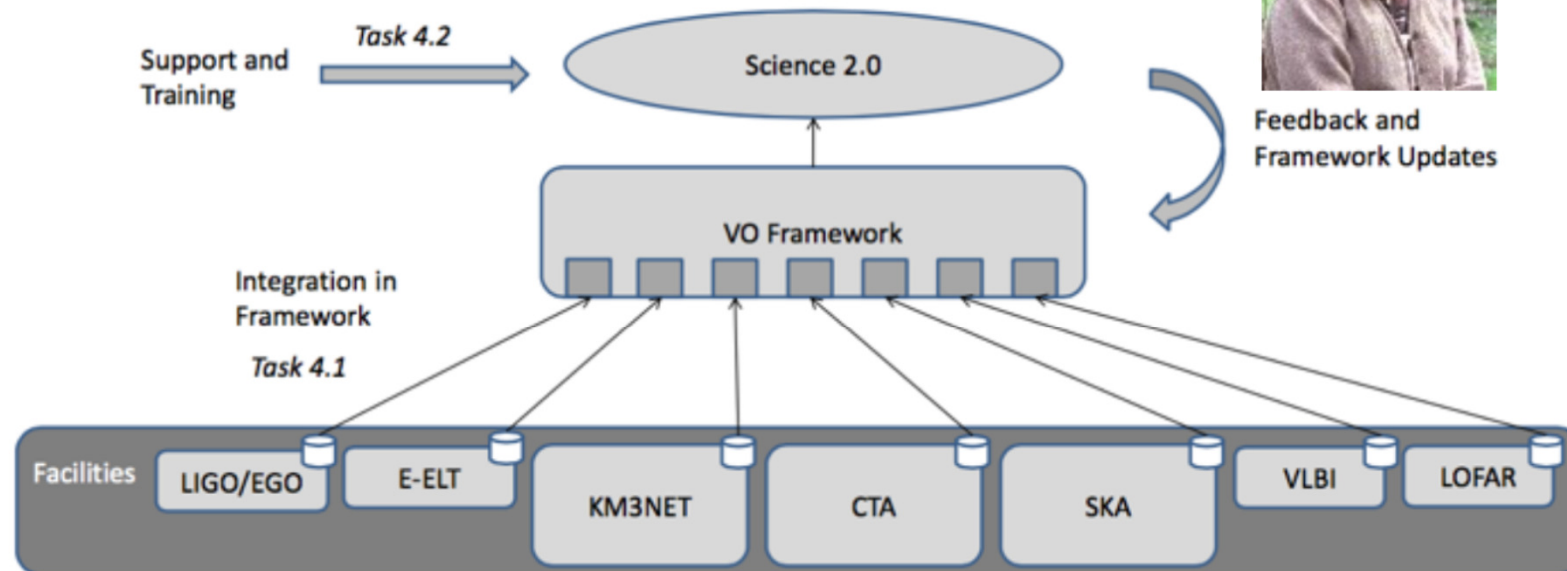- # DADI (WP4) - Francoise Genova (CNRS-OAS):

Figure 6: The ESFRI projects integrated in the VO Framework offers users uniform access.

- # CLEOPATRA (WP5) - A. Szomoru (JIV-ERIC):

ASTERICS WP5: CLEOPATRA: Connecting Locations of ESFRI Observatories and Partners in Astronomy for Timing and Real-time Alerts
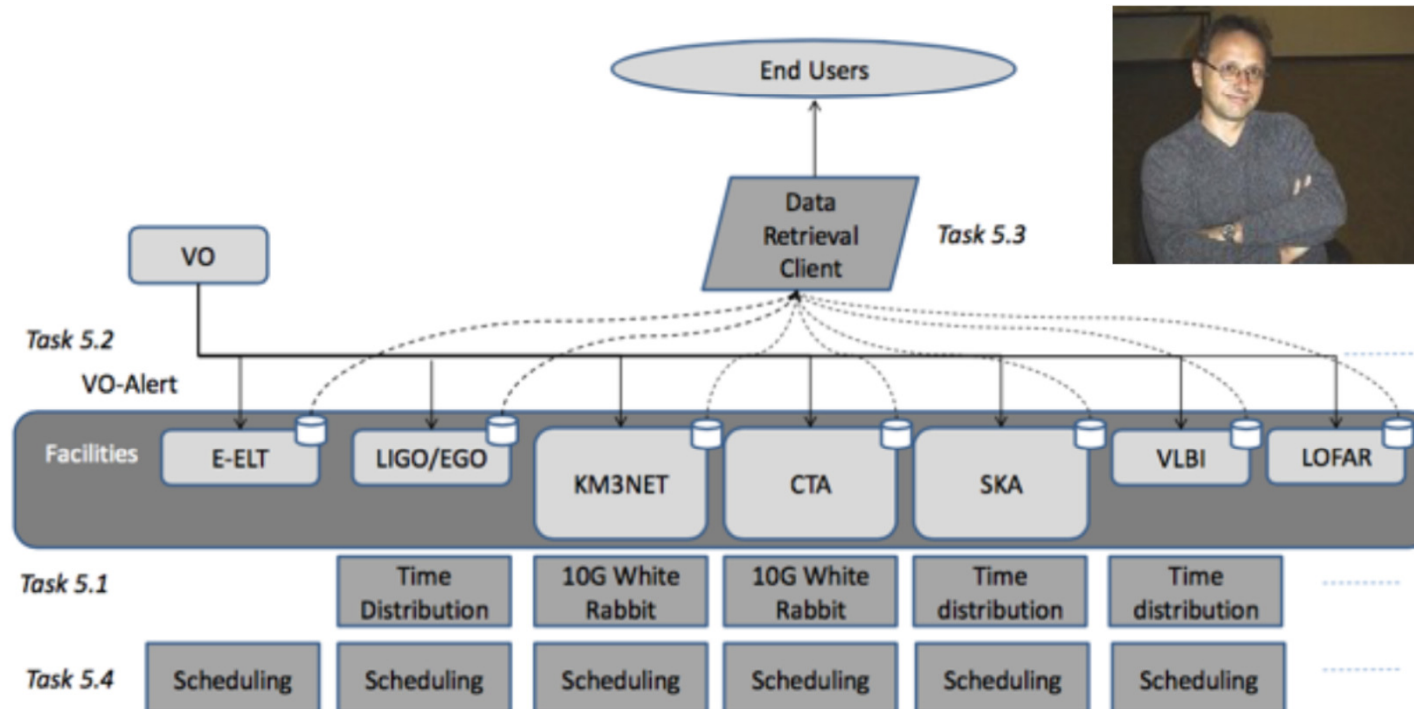

Figure 7: CLEOPATRA delivers solutions for shared challenges of ESFRI facilities.

- The project web site is at

http://www.asterics2020.eu/

- Still preliminary

- Information about WP4 is in the wiki

https://www.astron.nl/asterics/doku.php?id=open:wp4:start