



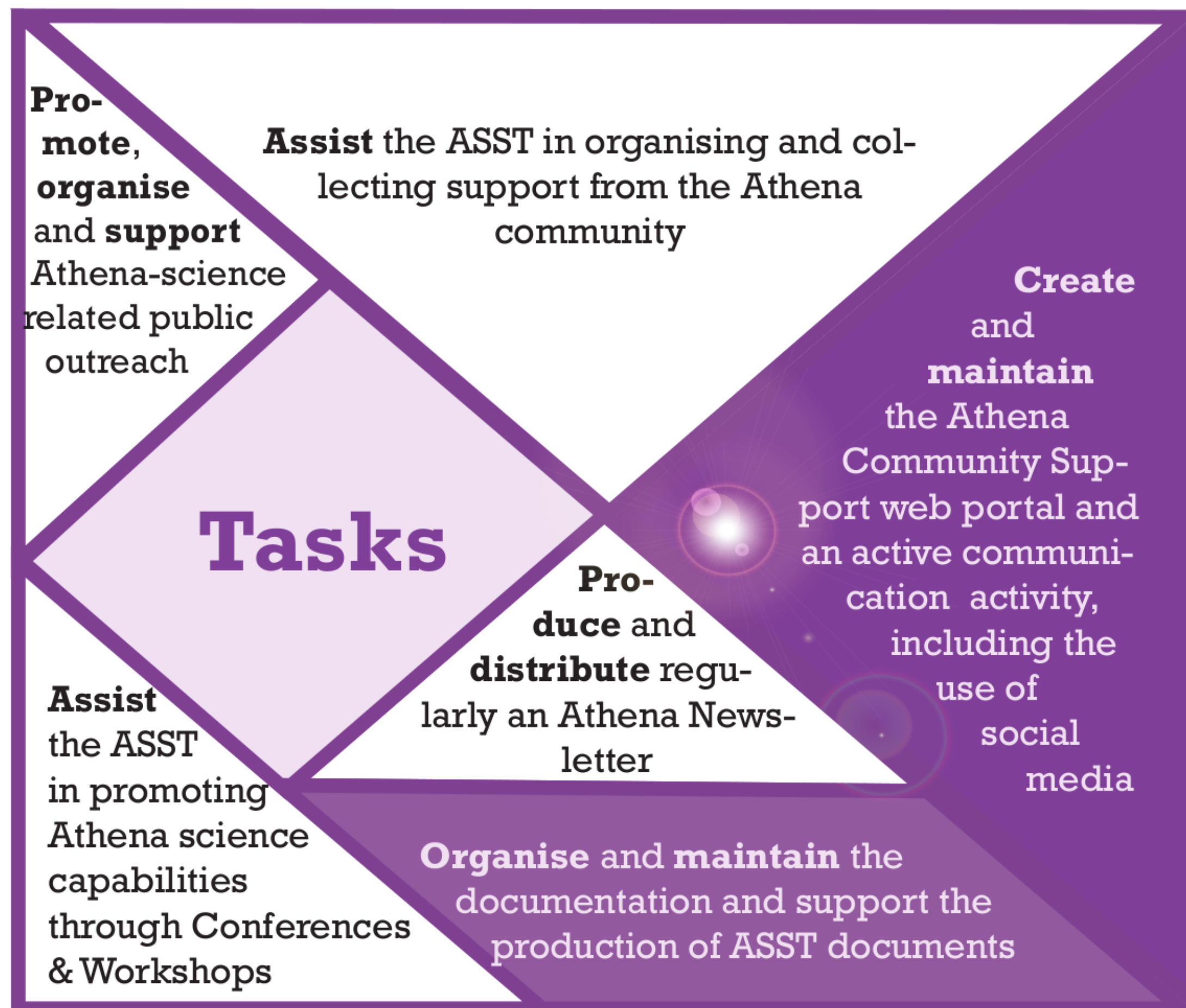
# Athena Community Office

## Athena

Athena (Advanced Telescope for High Energy Astrophysics) is the X-ray observatory mission selected by ESA, within its Cosmic Vision 2015-2035 programme, to address the Hot and Energetic Universe scientific theme. It is the second L(large)-class mission within that programme and is due for launch in 2028 (see X.Barcons talk on Thursday)

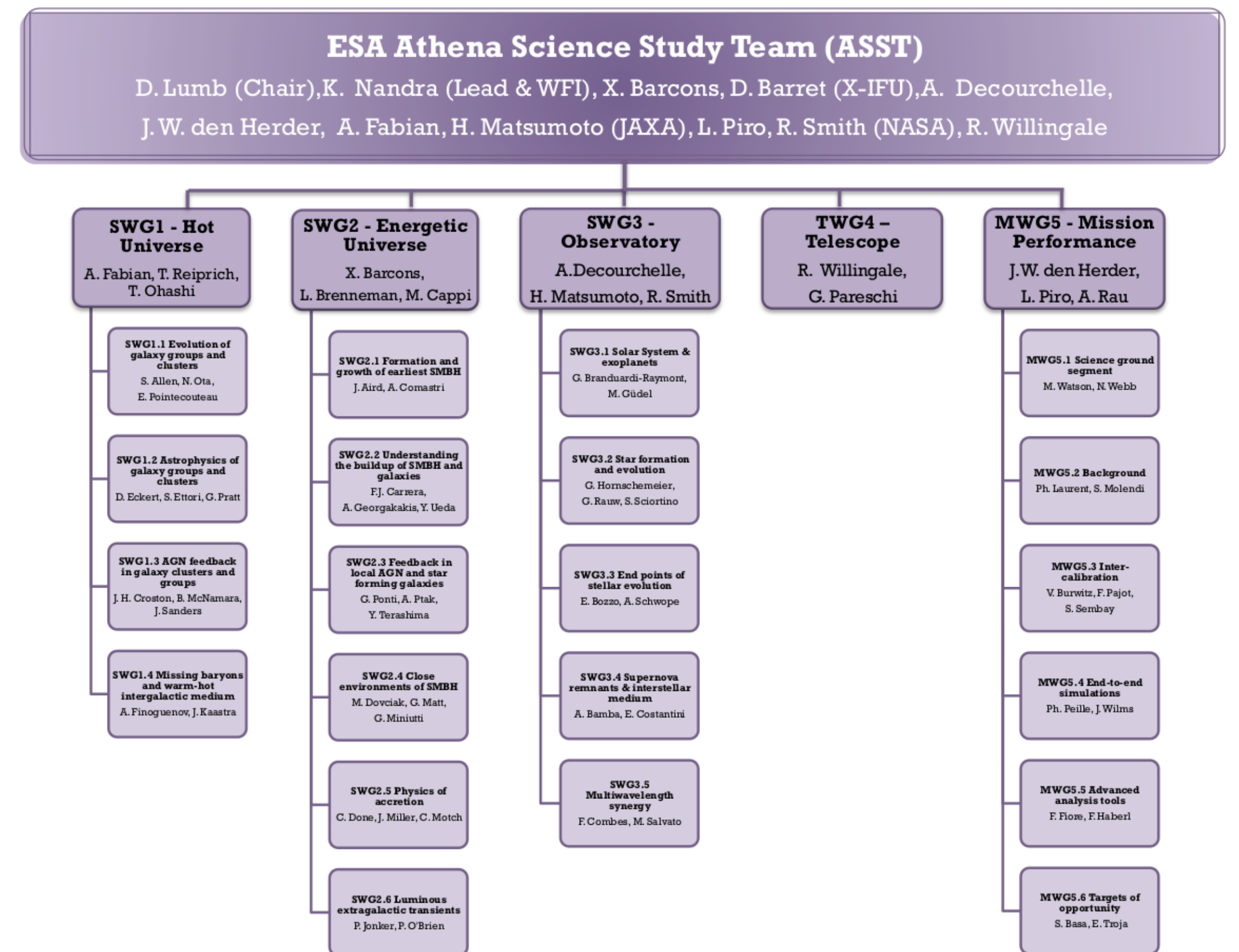
## ACO

ESA's Athena Science Study Team (ASST) established the Athena Community Office (ACO) in order to obtain support in performing its tasks assigned by ESA, specially as "focal point for the interests of the broad scientific community"



## The Athena Community

The Athena Community is an immense resource containing most of the critical scientific and technical knowledge needed to bring Athena to success. Currently, more than 800 scientists support Athena, in a defined structure (see below) of 5 Working Groups, dealing with general aspects of the project such as: The Hot Universe, The Energetic Universe, Observatory Science, Telescope and Mission Performance. Most of them are organised in Topical Panels (e.g. SWG1.3, MPG5.2, etc)



Xavier Barcons (IFCA)



Didier Barret (IRAP)



Enrico Bozzo (UniGe)



Francisco Carrera (IFCA)



María Teresa Ceballos (IFCA)



Sara Gómez (IFCA)



Silvia Martínez (IFCA)



Pilar Monterde (IFCA)



Arne Rau (MPE)

## ACO on-going activities

The re-vamped **Athena Community Support website** was released on 22nd of June 2016. It contains updated information and resources in support of the Athena community, the remit and lists of Working Group and Topical Panel members, links to the Athena document repository and much more. The goal is to keep a lively web portal, with news and announcements as frequent as needed

[www.the-athena-x-ray-observatory.eu](http://www.the-athena-x-ray-observatory.eu)

Follow us in the **Social Media** with weekly news about the project!

@athena2028  
The Athena X-ray Observatory

The **Athena Nuggets** are small pieces of wisdom about scientific and technical topics with the aim to approach Athena not only to the scientific community but also to non-experts. They will be launched through Facebook and Twitter, and stored in the Athena Community Web portal

The **Athena Newsletter** is published every 6 months, it is one of the main ways that will be used to keep the scientific community informed about ongoing activities, news and updates of the project. The first issue was released on 22<sup>nd</sup> of June 2016

**Synergies:** Athena will be part of a unique set of astronomical observatories in the late 2020s, synergies among them need to be identified and developed. Five types of facilities have been identified:

1. Optical and near-IR (E-ELT, VLT, ...)
2. Millimeter/submillimeter (ALMA, ...)
3. Optical and infrared survey missions (Euclid, JSST, WFIRST)
4. Centimeter band (SKA, ...)
5. Very high energy gamma-ray and multi-messengers – cosmic rays, neutrinos and gravitational waves- (CTA, ...)

The synergies with the types 1 and 2 above are the first one to be explored together with ESO. An international committee (EAST, ESO-Athena Synergy Team) coordinated by Paolo Padovani (ESO) has identified synergy themes and organised an ESO-Athena Synergy Workshop in Garching (Germany) on 14-16 September 2016 to collect the information required for a coming White Paper on early 2017

### ESO-Athena Synergy Workshop

from Wednesday, 14 September 2016 at 09:00 to Friday, 16 September 2016 at 16:30 (CET) at ESO Garching ( Auditorium Telescopium - old Auditorium )

**Description**

The Athena Science Study Team (ASST), established by ESA, has set up with ESO the ESO-Athena Synergy Team (EAST) to work out in detail synergies with ESO's facilities in the late 2020s.

The EAST is tasked to produce two White Papers, one dealing with synergies between Athena and optical/NIR ground based facilities (in particular the VLT and the E-ELT) and the other one related to synergies between Athena and (sub)mm ground-based facilities (in particular with ALMA and APEX).

Community input to this process will happen primarily through this dedicated workshop held at the ESO Headquarters in Garching Sept. 14 - 16.

**The Documents section** includes: Topics to be addressed, Athena-related publications and ESO-related documents. A map of ESO Headquarters and Travel Information are included in the **More Information** section.

**Warning:** book your hotel as soon as possible due to the fact that a trade fair is planned in Munich that week.

**EAST Members:** F. Combes (CPM), M. Diaz-Trigo (ESO), S. Ertori (INAF/OA/BO), E. Hatziminaoglou (ESO), P. Jonker (SRON), P. Padovani (ESO, chair), M. Salvato (MPE) and S. Viti (UCL) with support from S. Martínez-Núñez (IFCA) and X. Barcons (IFCA).

**Participants:** Christophe Adami; James Aird; Dave Alexander; Xavier Barcons; PierGiorgio Casella; Cecilia Ceccarelli; Eugène Churazov; Michele Cresci; Françoise Combes; Emanuele Daddi; María Díaz-Trigo; Alastair Edge; Stefano Ettori; Heino Falcke; Chiara Feruglio; Evanthia Hatziminaoglou; Peter Jonker; Vincenzo Mainieri; Sera Markoff; Silvia Martínez-Núñez; Andrea Merloni; Bruno Merin; Fabrizio Nicastro; Paul O'Brien; Lida Oskina; Paolo Padovani; Francesca Panessa; Etienne Pointecouteau; Arne Rau; Jan Roldán; Mara Salvato; Joop Schay; Juergen Schmitt; Felix Stoehr; Leonardo Testi; Francesco Tombesi; Serena Viti



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