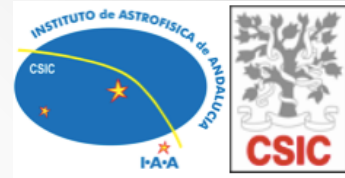


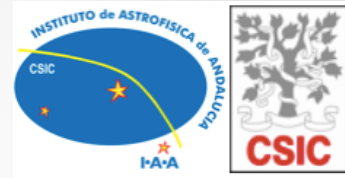
## SRC prototype at IAA-CSIC



### Centre of Excellence “Severo Ochoa” distinction

- An accreditation from the Spanish Ministry of Science that acknowledges the Spanish centers that carry out cutting-edge research and demonstrate scientific leadership and impact at global level
- A renewable 4-years grant (4M €).
- A **prototype of SKA Regional Centre fully engaged with Open Science, included** in the Severo Ochoa scientific programme presented by IAA-CSIC.

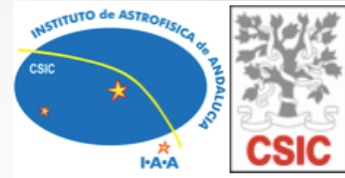
# SRC prototype at IAA-CSIC



## Objectives:

- Support IAA members participation in
  - SKA precursors /pathfinders
  - SKA Data Challenges
- Partnership with national HPC facilities
  - Prototype a distributed sub-node of the European SRC
- Collaborate with other SRC initiatives
  - Prototype data transport system / distributed resource management
- Innovation in analysis techniques, new algorithms (Deep/Machine Learning)
- Embrace Open Science Principles

# SRC prototype at IAA-CSIC



## Work in progress ...

- MoU signed with IDIA
  - *“Data-Intensive and Reproducible Research for the SKA Regional Centres”*
- Contact with Spanish HPC facilities
  - U. of Málaga (Picasso supercomputer), member of the Spanish Supercomputing Network
- Raising additional funds
  - 100K € already allocated for hardware
- In the process of hiring people