

## Swiss Committee on Space Research (CSR) (<https://csr.scnat.ch/en>)

- Switzerland does not have a space agency: ESA manages the Swiss participations in space **sciences** missions, including non-ESA missions, through the ESA PRODEX program
  - The Swiss Space Office of SERI decides on the selection and funding of Swiss PRODEX projects (approved/endorsed by ESA)
  - NARV (Ordinance on the Promotion of National Activities in the Space Sector) funding to support early development
- CSR is a coordination body under SCNAT for space science in areas in **ESA Science Program**: astronomy/astrophysics, solar physics, planetary science; Not included: Earth Observation, Remote Sensing, Astrobiology, Human Flight, Microgravity, ...
  - CSR president (currently Stéphane Paltani, UniGe) is the Swiss scientific representative to ESA's science program and COSPAR
  - Roadmap updated (on CSR web page) : Update of Swiss Community Needs for Research Infrastructures 2029-2032 and beyond
    - X-ray,  $\gamma$ -ray, astroparticle, cosmology, GW missions are in one of the priority areas
    - **Strong synergy with CHIPP sciences/technologies**
- Successful CH participations in major missions launched in recent years
  - GAIA (2013), DAMPE (2015), CHEOPS (2019), Solar Orbiter (2020), JWST(2021), XRISM (2023), JUICE (2023), EUCLID (2023), IMAP (2025), SMILE (2026), ...
- Strong CH participations in missions that are selected to be launched in the coming years
  - PLATO (2027), EXOMARS (2028), Comet Interceptor (2029), EnVision (2031), ARRAKHIS(2031), LISA (2035), LiteBIRD (2035), NEW ATHENA (2037), ...
  - **POLAR-2 (2028) : Gamma Ray Burst polarimeter on Chinese Space Station (CSS), led by UNIGE**
  - **LunPAN (2030) : ESA lunar orbiter for comprehensive characterization of energetic particle environment, led by UNIGE**
  - **HERD (2028?) : Chinese Large cosmic ray experiment on CSS, CH participation in software/science**
  - **eXTP/CXBE (2031): Chinese x-ray observatory and cosmic x-ray background experiment, CH hardware contribution**
- X-ray/gamma-ray missions not ESA priority: THESEUS (ESA M7 final 3) and NewAstrogam (ESA M8 call) not selected