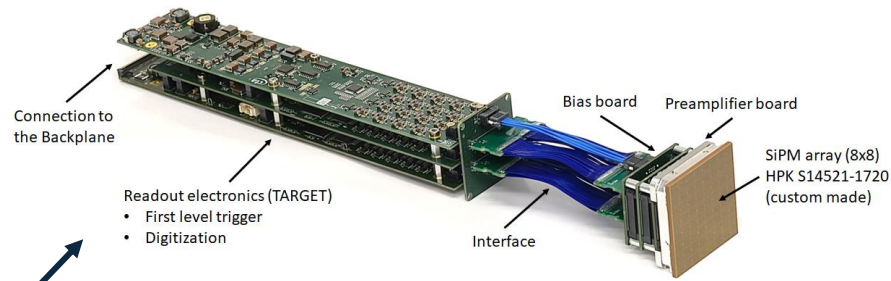


Isabella Sofia

- **Born** in Torino
- **Bachelor's** and **master's** degree at Università degli Studi di Torino (CMS, CTA)
- Master **thesis** and **post-graduate** scholarship at Max-Planck Institut für Kernphysik, Heidelberg
- **PhD student** at INFN Torino and visiting student at MPIK
- **Project:** Development and characterization of the Small-Sized Telescope camera for the Cherenkov Telescope Array
- **Supervisor:** Prof. Andrea Chiavassa
- **Co-supervisors:** Dr. Federico Di Pierro (INFN), Dr. Richard White (MPIK)
- Detectors for gamma-ray astronomy



The SST Camera



- Silicon Photomultipliers
 - 2048 pixels distributed on 32 **modules**, each comprising 64 pixels of 6 mm × 6 mm
- ≈ 40 SST Cameras will be assembled at MPIK
- Need to be tested and commissioned before shipment to Chile
- **Validation facility** (master thesis project)
- Full camera currently in development (SiPM tests, mechanical tests, thermal tests, ...)
- **PhD project**
 - Contribute to further development and tests
 - QCAM
 - ECAM
 - Both at MPIK Laboratories (facility tests) and on-site (Tenerife)

