

## RECOVERY TEAM

**mechanical / electrical engineering, management & technology students**

Our student initiative is based at ETH Zürich and inspires students across Switzerland in hands-on space engineering challenges through collaboration with academia and industry. Our main project is the participation at the [Spaceport America Cup](#).

Following our [Project TELL](#), ARIS participates at the Spaceport America Cup 2019 with a rocket using a commercial solid motor flying to 10'000 ft. For this, an interdisciplinary core team of 20 students is formed that builds the rocket and participates at the competition in the US.

The responsibility of the **Recovery Team** consists of implementing a redundant dual-event system (ejection of parachutes) to safely land and recover the rocket. This includes:

- Developing an independent, reliable recovery module (parachute section, own avionics) based on the project TELL
- Building prototypes to prove concepts (laser cut, 3D printing, etc) and testing single components (altimeters, separation systems, etc)
- Organize and conduct a lot of testing in form of ground tests, test launches to (possibility to get certifications)
- Coordinating the on-board electronics and the corresponding software with other sub-teams to ensure communication between all subsystems

We recruit an interdisciplinary core team that is motivated and capable to accomplish the tasks above. From our members, we expect the following attitude:

- Fail, get up and learn from it
- **You don't have to be a specialist** but you are willing to become one
- Join the team and grow as a unit
- Be proactive and able to take responsibility
- Be enthusiastic about building and testing prototypes including structural, electronic and other various components

We expect you to spend 2-3 days a week on the project and be able to join team meetings and workshops in Zurich. Since we are a student association we don't hire any interns.

Send us a short description in what you're interested in and your CV (with picture) to **[recruiting@aris-space.ch](mailto:recruiting@aris-space.ch)**

