— Space to grow —
interdisciplinary. intercultural. extraordinary.
Made in Switzerland.
Meant for Space.
Nothing declares world-changing ambition like a space rocket—Ours will be entirely student built.

**Educate** students in complex product development and testing

**Form** creative, resilient and assertive engineers

**Create** a bubble for space enthusiastic, innovative students
Step by step to the stratosphere

Create a knowledge base in rocket science

Establish a partner network across Switzerland

Build a rocket for the annual Spaceport America Cup
Designing

Target Altitude: 10,000 ft. AGL
Lift-off weight: 23 kg
Length: 2419mm
Diameter: 150mm
Motor: Aerotech M2400
Recovery: Dual Parachute Event
Payload: Bio Experiment (HSLU)
Altitude Control: Air Brakes

Motor
Avionics
Recovery Electronics
Air Brakes
Payload
Recovery Parachute Bay
Manufacturing
Testing
Charles Hoult Award for Modeling and Simulation - Team 100 - ETH Zurich
Jim Furfaro Award for Technical Excellence - Team 35 - Ecole Polytechnique Fédérale de Lausanne
The Team
Step by step to the stratosphere

ARIS board

Safety  Operations  Marketing & Communications  Alumni  Coaching

Rocket Team
Spaceport America Cup 2019

Hybrid Engine Team
Spaceport America Cup ...2020
The next steps...

Concept
- Team Kick-off: September 2018
- First Review: October 2018

Detailed Design
- Design Freeze: December 2018

Manufacturing
- Test Launch: March 2019

Sounding Rocket – Spaceport America Cup 2019

Hybrid Engine & Test bench development
To pave the way for the next level…

Be part of it!

- System Engineer (Electronics)
- System Engineer (Payload)
- Core Team Member (Recovery)
- Payload Challenge

Contact us via

- www.aris-space.ch
- recruiting@aris-space.ch