aris
Akademische Raumfahrt Initiative Schweiz
– Space to grow –

interdisciplinary. intercultural. extraordinary.

Made in Switzerland.

Meant for Space.

EST. 2017

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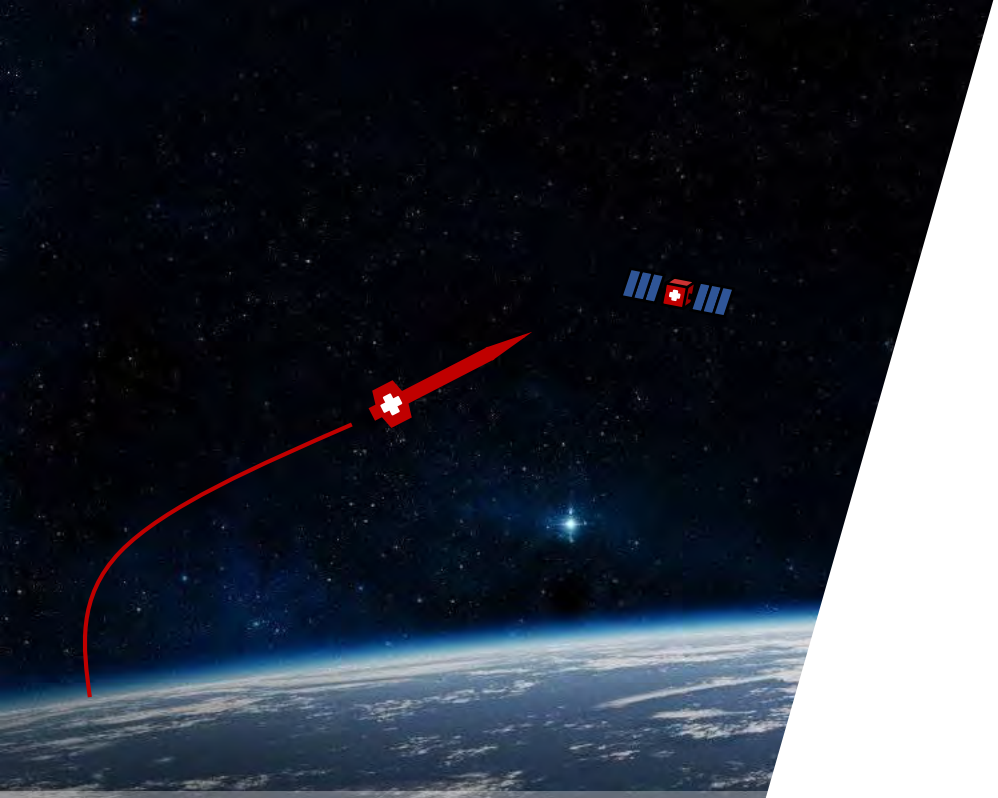
inspire engage build



Nothing declares world-changing ambition like a space rocket

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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

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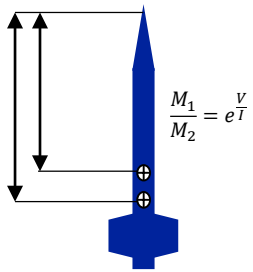
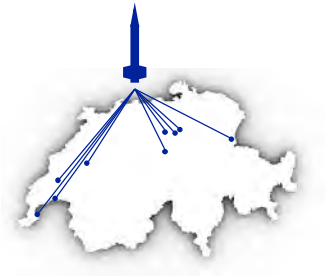
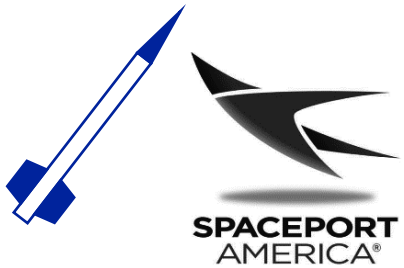
Step by step to the stratosphere



Create a knowledge base in rocket science



Establish a partner network across Switzerland



Build a rocket for the annual Spaceport America Cup

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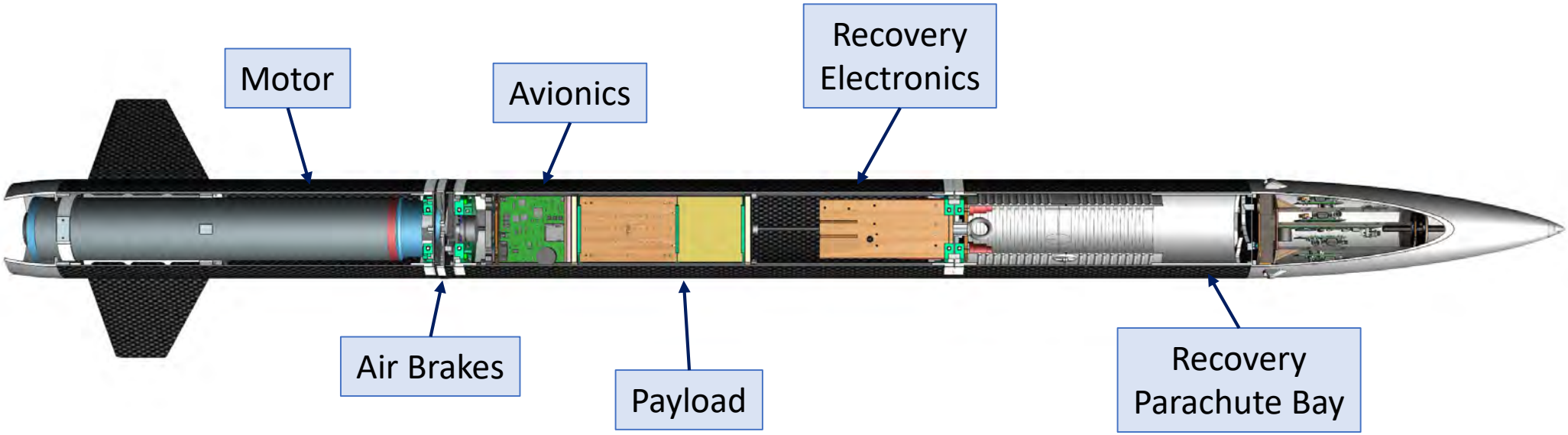
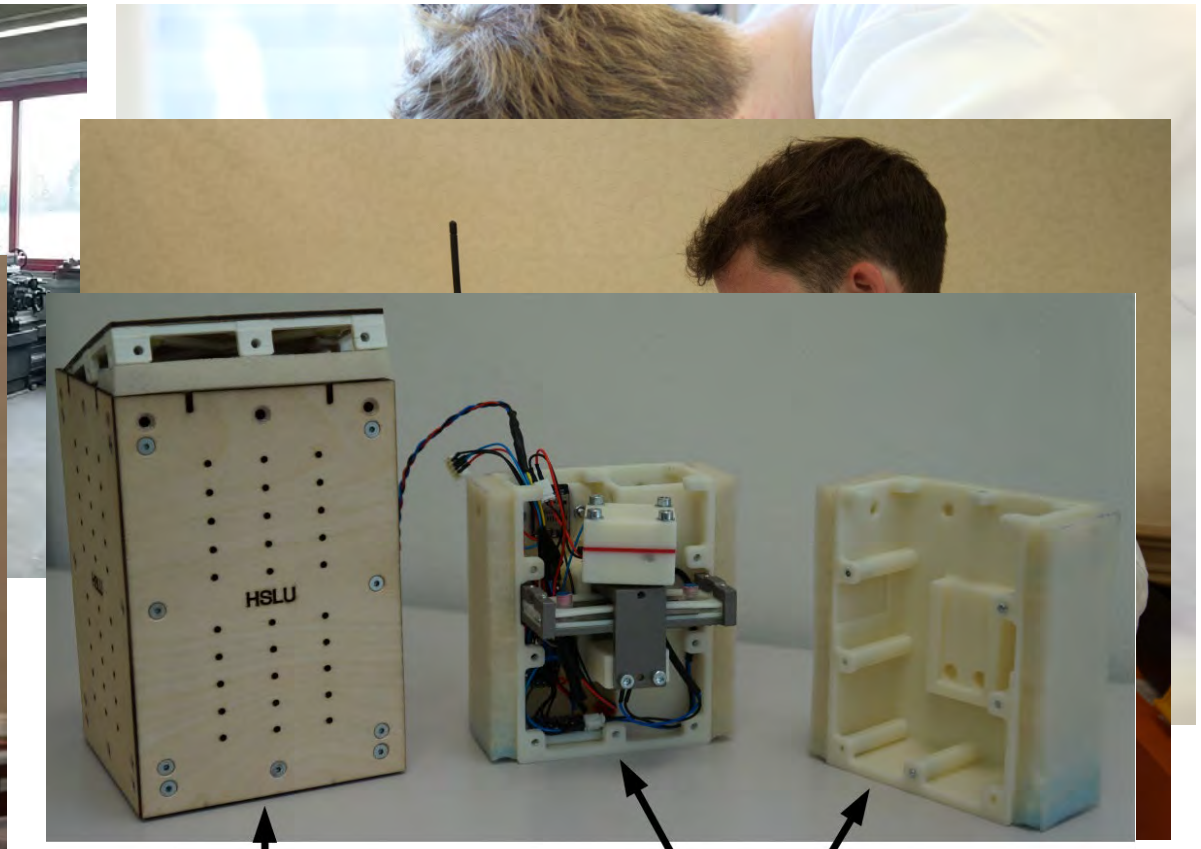
Designing



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**

Manufacturing



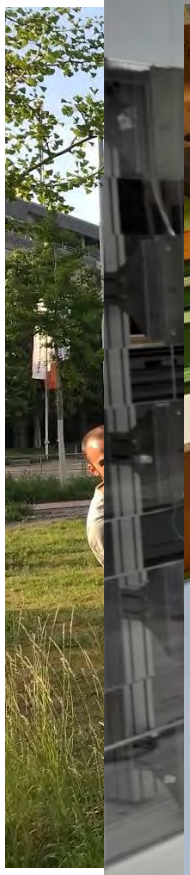
Outer housing

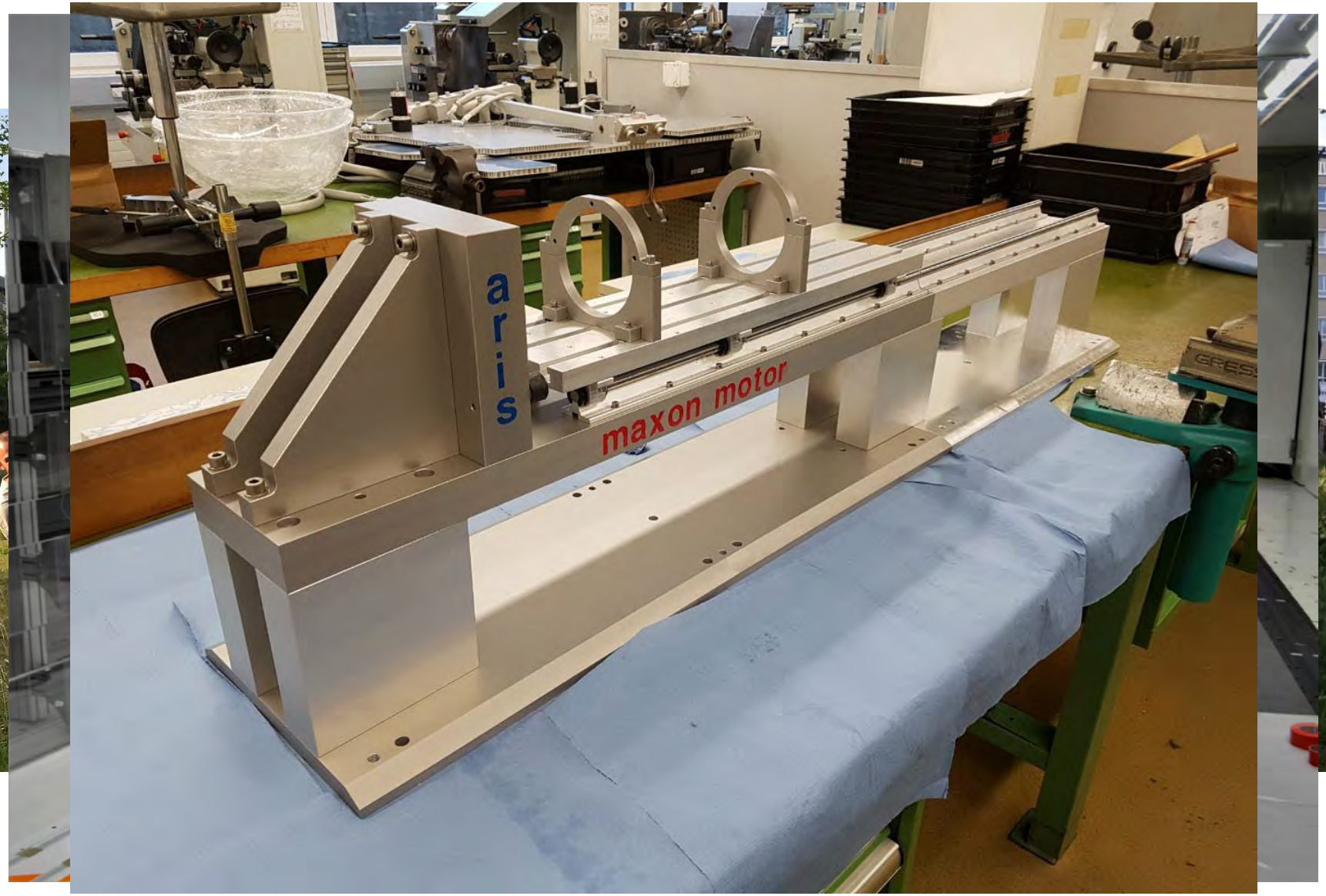
Inner housing with experiment

ETH zürich

Lucerne University of Applied Sciences and Arts
HOCHSCHULE LUZERN
Technik & Architektur

Testing





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LAS CRUCES CONVENTION CENTER
UMBRA

Charles Hoult Award for Modeling and Simulation - Team 100 - ETH Zurich
Jim Furfaro Award for Technical Excellence - Team 35 - Ecole Polythechnique Fédérale de Lausanne

The Team

4 LAUNCHES

20+ INDUSTRY PARTNERS

50+ STUDENT MEMBERS

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Lucerne University of Applied Sciences and Arts
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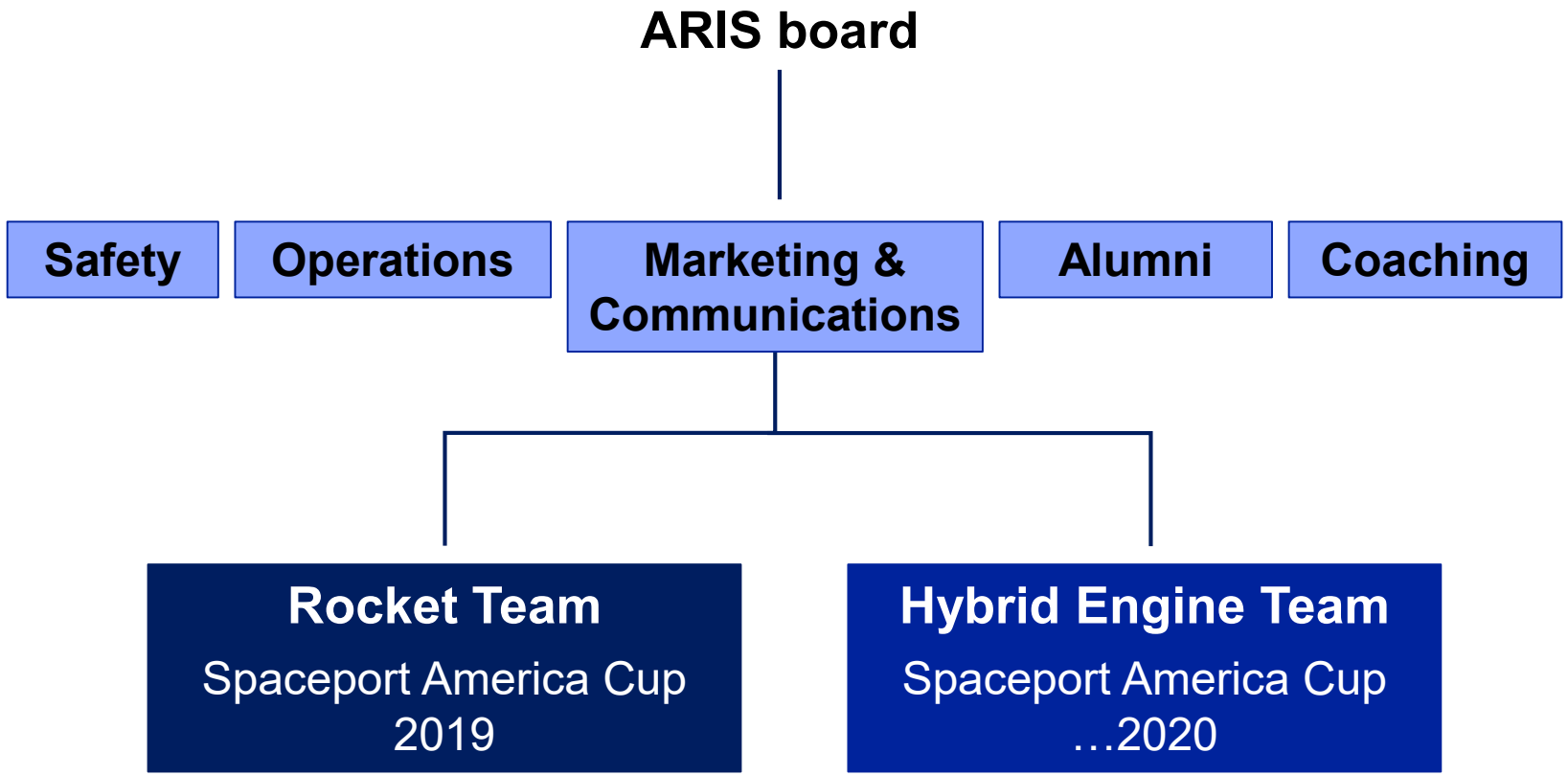
Step by step to the stratosphere



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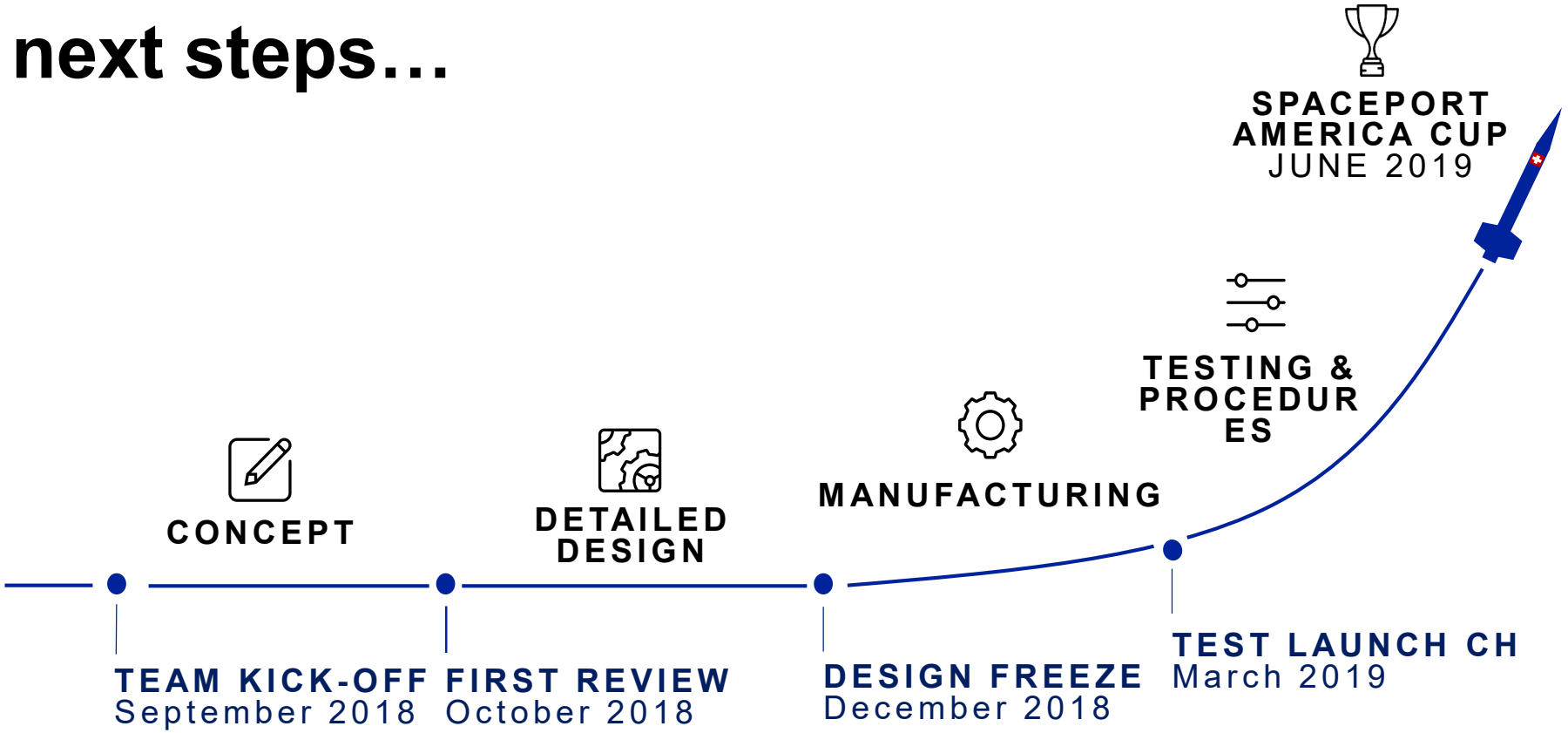
The next steps…



Sounding Rocket – Spaceport America Cup 2019

Hybrid Engine & Test bench development

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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

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