

CERN/SSC agreement

CERN / SSC Technology Transfer Day

Grégoire Bourban

Deputy Director

Swiss Space Center

“The Swiss Space Center shall support institutions, academia and industry to access space missions and related applications and promote interaction between these stakeholders”

Roles and Responsibilities

- Swiss Space Office
 - prepares and implements the Swiss Space Policy (SSP)
 - represents Switzerland in the ESA Council and its subordinate bodies
 - implements the complementary national activities
 - coordinates space activities at Federal level
- Swiss Space Center supports SSO in implementing the SSP by
 - networking Swiss actors at national and international level
 - facilitating access to space projects for established actors and for newcomers
 - providing education and training
 - promoting public awareness of space

SSC – Organizational structure

Board of Directors

Steering Committee



Annual Assembly
SSC members

SSC Director

SSC staff



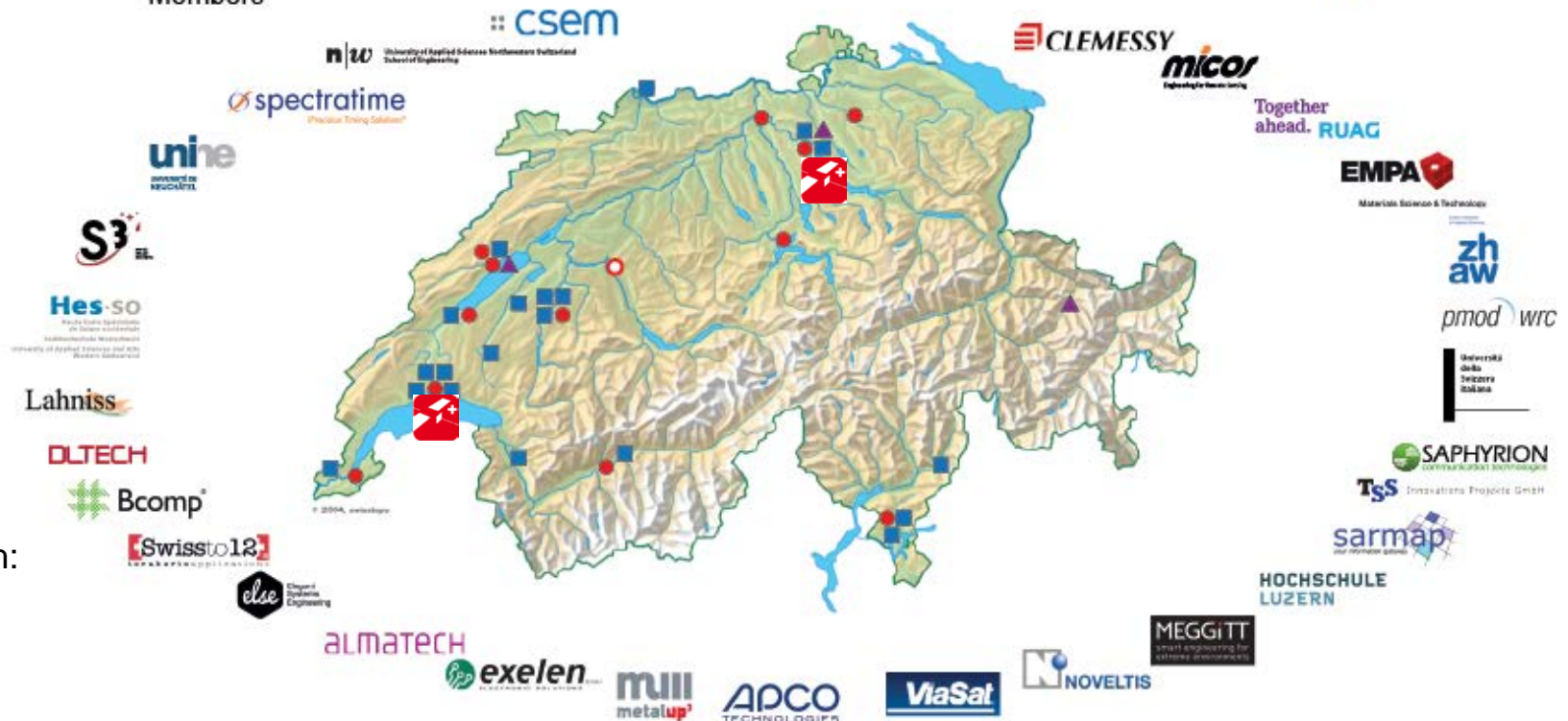
A network in expansion

Board of Directors



Members

- Institution
- Academic Member
- ▲ RTO
- Industrial Member



Cooperation with:



Members' voice counts!

Presently four working groups have been installed:

- **WG on Education**
- **WG on Miniaturization and Mini- or Micro-Systems (M3S)**
- **WG on High-Precision Mechanisms and Structures**
- **WG on Earth Observation and Remote Sensing**

Objective

The SSC, in particular through its Working Groups, contributes to the consolidation and strengthening of Swiss capacities in national focal areas.

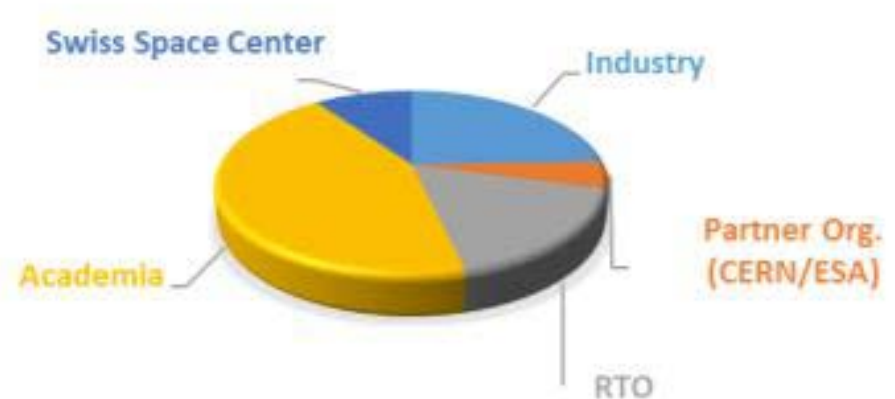
Additional Working Groups may be established on request of SSC members (approval by the Steering Committee)

Workshop organisation

COTS Components and up-screening for space applications

- February 18th 2016 at ETH Zürich
- 39 participants
- Workshop of SSC and M3S working group

“to discuss effective and efficient ways for the use of COTS components and for up-screening, as well as potential means of cooperation and common test campaigns”



SSC-CERN agreement

- **Focus on common specific topics**
 - Technology transfer towards Swiss space industry
 - Collaboration with key laboratories and institutes active in the space sector
 - Organisation of an industry day «CERN for space»
 - Students exchange and hosting in Swiss academic entities (Master and PhD level)

Concrete actions

- **Participation of CERN experts in workshops organised by the Swiss Space Center with the Swiss space community on selected topics (ex. Laser technology for space applications, COTS...)**
- **Participation of CERN experts in bilateral meetings with ESA member States representatives (UK workshop on October 27, 2015 and visit of Wallonia space network in January 2016)**
- **Definition of student projects topics at master and PhD levels**
- **Organisation of an information day on COTS components for space applications with ESA and CERN as principal referents – February 2016**
- **Organisation of a Space Technology Transfer Day – June 2016**

How to work together?

- Go through the points of contact:
 - For CERN: Enrico Chesta, enrico.chesta@cern.ch
 - For SSC: Grégoire Bourban, gregoire.bourban@epfl.ch
- Contact directly the experts
 - Please keep the points of contact in the loop!
- Stay update and participate to our events!

Contact

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