

Training Opportunity for Swiss Trainees

Reference	Title	Duty Station
CH-2019-OPS-ON(2)	Operations of Ground Facilities in support to small satellites	ESOC
<p><u>Overview of the unit's mission:</u></p> <p>As part of the Mission Operations Department, the Ground Facilities Operations Division (OPS-ON) manages, operates and maintains the infrastructure used to support the operations of ESA and external missions. Facilities include Telemetry, Tracking and Command (TT&C) stations of ESA's ground station network (ESTRACK), the Operational Control Centre located at ESOC, and the Mission Operations Technical IT.</p> <p>The Division also specifies the user requirements for all ground facilities in support of missions entrusted to the Directorate of Operations and validates all related equipment before operational use.</p>		
<p><u>Overview of the field of activity proposed:</u></p> <p>The main objective of this activity is to support the preparation and conduction of the ground facilities operations with particular focus on small satellite missions.</p> <p>Initially the incumbent will be assigned to the team responsible for the operations, maintenance and evolution of the Special Mission Infrastructure Lab Environment (SMILE) facilities, comprising a control room, a 3.7m S- and X-band antenna, one radio amateur antenna, and various ancillary hardware and software systems.</p> <p>He/she will be asked to review, maintain and evolve procedures, tools and other systems utilized in the operations and promotion of SMILE. He/she shall propose optimization/harmonization where deemed necessary. Furthermore, he/she will be responsible for the daily operations of the relevant facilities in support to ESA and external customers missions, typically in the area of small satellites and cubesats.</p> <p>The incumbent will be progressively involved in the operations of other ground facilities, including ESA ESTRACK core network comprising 3 deep space stations (located in New Norcia, Cebreros and Malargue), LE/NEO stations (located in Kiruna and Kourou) and LEOP small terminals (located in Malindi and Santa Maria).</p>		
<p><u>Required education:</u></p> <p>Applicants should have just completed, or be in their final year of a University course at Masters level in a technical or scientific discipline.</p> <p>Candidates must be fluent in English or French, the official languages of the Agency</p>		