

Training Opportunity for Swiss Trainees

Reference	Title	Duty Station
CH-2019-OPS-ON(1)	Adoption of novel technical IT solutions in support to satellites operations	ESOC
<p><u>Overview of the unit's mission:</u> 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 evolution of the technical IT infrastructure supporting ESA and external customers missions, with particular focus on adoption of novel solutions such as cloud computing commercial services.</p> <p>The incumbent will be assigned to the team responsible for the operations, maintenance and evolution of the Mission Operations Infrastructure technical IT facilities.</p> <p>He/she will be asked to support the concept definition, demonstration and adoption of novel IT commercial solutions in support to spacecraft monitoring and control. He/she shall support the integration, testing and validation of these services for target missions. Furthermore, he/she will be responsible for the daily operations of the relevant facilities in support to ESA and external customers missions.</p> <p>The incumbent will be progressively involved in the operations of other ground facilities, including the Operation Control Centre domain comprising generic and dedicated control rooms located at ESOC, and related ancillary systems (e.g. voice loops, timing system, video distribution systems). He/she shall propose optimization/harmonization as well as prototyping of novel solutions where deemed necessary.</p>		
<p><u>Required education:</u> 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>		