

Training Opportunity for Portuguese Trainees

Reference	Title	Duty Station
PT-2015-EOP-GSI	"Big Data" Infrastructure Engineer for Exploitation Platforms	ESRIN
<p>Overview of the Unit missions:</p> <p>Develop building blocks for innovative Earth Observation Payload Data Ground Segments for transfer to operations. The context of the specific training opportunity are "exploitation platform" services, i.e. elements supporting a "Big Data" operational concept with user-driven processing hosted at the infrastructure where the EO data are located.</p>		
<p>Overview of the field of activity proposed:</p> <p>The trainee shall be involved in a wide field of different topics which are all contributing to evolve or adapt available technologies for use in the Payload Data Ground Segment Exploitation Platform.</p> <p>Among these the following are pre-identified:</p> <ul style="list-style-type: none"> • Accounting • Processor interface • User authentication and authorisation • Community-oriented communication services (e.g. blogs, for a, ..) • Data access in a federated cloud environment • Exploitation platform GUI aspects • Evaluation of technologies, e.g. OGC WCS, etc. <p>The trainee shall perform prototype developments, contribute to functional specifications and to the testing of pilots delivered by third parties.</p>		
<p>Required Education:</p> <p>University degree in Computer Engineering with competence on cloud technology University degree in Physics with competence on Earth Observation data processing</p>		