Training Opportunity for Luxembourgish Trainees

Reference	Title	Duty Station
LU-2019-EOP-SDD	Earth Observation Data Scientist	ESRIN

Overview of the unit's mission:

- **Explore innovative ideas for shared services/tools to facilitate EO exploitation** by EO/Data Scientists, Application developers and Value adders.

- **Ensure** incorporation and **usage of leading edge ICT innovation into EO activities**

- **Progress on use of artificial intelligence and machine learning** for **information** generation and **service** access

Overview of the field of activity proposed:

Data processing and Analysis of Earth Observation Data

The trainee shall actively explore and compare the potential of advanced services available by cloud-based IT and platform offerings to create a step change in achieving science goals or generating value-added information in much shorter time-scale and/or on a wider scale.

He shall autonomously engage with current Data Processing and Analysis service providers and compare European with non-European offerings contributing to the feedback and improvement process of current European platform offering to push the state-of-the-art.

Executing an example project he shall assess the usefulness of current operational service offering in detail and provide feedback on needed or desirable improvements.

Required education:
Master degree in engineering related to remote sensing, geo-information or computer science