

## Training Opportunity for Irish Trainees

Reference	Title	Duty Station
IE-2019-EOP-SDD	Leveraging IT advance for EO	ESRIN
<p><b><u>Overview of the unit's mission:</u></b></p> <ul style="list-style-type: none"> <li>• <b>Explore innovative ideas for shared services/tools to facilitate EO exploitation</b> by EO/Data Scientists, Application developers and Value adders.</li> <li>• <b>Ensure incorporation and usage of leading edge ICT innovation into EO activities</b></li> <li>• <b>Progress on use of artificial intelligence and machine learning for information generation and service access</b></li> </ul>		
<p><b><u>Overview of the field of activity proposed:</u></b></p> <p>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.</p> <p>He shall autonomously engage with infrastructure and data providers and assess the suitability of their offering both from a technical as well as from a business model point of view. He shall further assess the lock-in risk with the single platform providers and investigate on needed standardisation efforts to remove the lock-in.</p> <p>Executing an example project he shall assess the usefulness of current operational service offering and provide feedback on needed or desirable improvements.</p>		
<p><b><u>Required education:</u></b></p> <ul style="list-style-type: none"> <li>• University degree and familiarity with computer science and EO techniques</li> </ul>		