



## **R&D Scientist / Software Engineer**

### **Responsibilities:**

- Responsibility for software infrastructure and development for Earth Observation applications
- Detailed design, implementation and testing of functionality for Synthetic Aperture Radar
- Interferometric Applications in context of existing InSAR services
- Detailed design, implementation and testing of software functionality for new services (Downstream Applications, Web Delivery etc.)
- Coordination with R+D and other groups inside and outside ASRC related to software development destined for InSAR business unit.

### **Requirements (experience/skills):**

- Discrete Time Signal Processing, Telecommunication and Radar Principles.
- Electromagnetic Wave Propagation and Interaction with the natural environment and urban infrastructure.
- Programming skills: C/C++ (mandatory), Perl, Python, IDL, Matlab (desirable)
- Programming environment: Windows (mandatory), Linux/Unix (desirable)
- Software environment expertise: SARscape, EarthView, Gamma, Erdas (highly desirable)
- Desired domain knowledge: InSAR, SAR

**Location:** Bucharest, Romania