



Product Assurance / Quality Assurance officer

Job description:

Together with your team, you will be responsible for the management and success of two major subsystems to a scientifically and technologically innovative and complex astronomical instrument (METIS: Mid-Infrared ELT Imager and Spectroscope) on the world's largest optical telescope (ESO's Extremely Large Telescope- ELT). Developing this instrument for the ELT is a project that is being realized by a consortium of research institutes in several European countries, under the leadership of the Dutch Research School for Astronomy (NOVA). You will be part of this interdisciplinary, international consortium.

Your duties and responsibilities consist of:

- Responsible for overall quality of the instrument, development procedures and documentation.
- Develops, controls, and maintains development procedures
- Ensures that documentation and review processes are up to standard
- Participates in the Change control board.
- Participates in the approval of the Verification Matrix
- Attends regular project meetings
 - Local Project Management meetings
 - Consortium meetings
 - Working groups
- Supports and maintains a risk register and participates in the RMB (Risk Management Board) as required
- Participating in regular project, system and subsystem reviews
- Travel between the main METIS locations is expected (Dwingeloo and Leiden, The Netherlands) as well as travel to international partners (mainly within Europe)

Job requirements:

- At least 5+ years relevant experience in PA QA management
- Experience with optical and/or infrared instruments (also cryogenics is a plus)
- Experience in leading and working in teams of multidisciplinary-multinational engineers and scientists
- Proficient oral, written and interpersonal communications skills
- A master's degree in engineering, physics, astronomy or equivalent experience

Location:

The preferred location for this job is Leiden University. Occasional travel is required between the NOVA Optical Infrared Instrumentation group at ASTRON in Dwingeloo and Leiden University.