Job Title: Visiting Robotics Software Research Engineer

Location: NATO STO Centre for Maritime Research and Experimentation, La Spezia, Italy,

Job Type: Full-Time, 4 months

About the Role:

We are seeking a highly motivated and experienced Robotician/Software Engineer to join our team at the NATO STO Centre for Maritime Research and Experimentation in La Spezia, Italy. The successful candidate will be working on a new behavior-based architecture in C++ to support our robot autonomy, and developing innovative solutions for our robots.

The successful candidate will be part of a dynamic and international team of scientists and engineers working on exciting robotics projects, including underwater vehicles and autonomous systems. This position requires great dedication, the ability to work independently, and the flexibility to adapt to evolving project requirements.

Key Responsibilities:

- Develop software in C++ for robotics projects, including behavior-based architectures
- Work closely with a team of scientists and engineers to develop innovative solutions for robotics projects
- Develop and maintain software documentation
- Participate in project planning, design, and implementation
- Perform testing and validation of software and systems
- Participate in experimental campaigns as required

Qualifications:

- Bachelor's or Master's degree in Computer Science, Robotics, Electrical Engineering, or a related field
- Strong programming skills in C++
- Knowledge of Linux and experience with software development tools and processes
- Experience developing software for robotics projects
- Experience with software/hardware integration, testing, and validation

About us

The NATO STO CMRE, or the NATO Science and Technology Organization Centre for Maritime Research and Experimentation, is a research and development center located in La Spezia, Italy, dedicated to advancing maritime science and technology for NATO and its member nations. The CMRE focuses on conducting research and experimentation in the areas of undersea robotics, maritime situational awareness, and environmental assessment. It collaborates with industry, academia, and other research organizations to develop and evaluate innovative technologies, tools, and methods that can enhance maritime security, safety, and efficiency. The center also serves as a hub for knowledge exchange and training, offering a range of educational and outreach programs to promote scientific and technological excellence in the maritime domain.

We offer a great working environment with the opportunity to work with cutting-edge robotics technologies and participate in experimental campaigns. The project promotes a diverse and inclusive work environment.

If you are passionate about robotics and have the skills and experience to excel in this role, we want to hear from you. Please submit your application with a cover letter, CV and references to *gabriele.ferri@cmre.nato.int*.