



Science and Technology Organization

Centre for Maritime Research and Experimentation

La Spezia - Italy



## VACANCY NOTICE

### CMRE Visiting Researcher Programme (240432)

**Primary Location:** Italy-La Spezia

**NATO Body:** Centre for Maritime Research and Experimentation (CMRE)

**Schedule:** Full-time

**Application Deadline:** 7 April 2024

**Grade and Salary:**

- **Research Intern: 1,389.32 Euro (EUR) Monthly**
- **Research Fellow (G2): 3,110.47 Euro (EUR) Monthly**
- **Visiting Scientist (G11): 4,631.07 Euro (EUR) Monthly**

### Clearance Level NS

The Centre for Maritime Research and Experimentation (CMRE) is part of the NATO Science and Technology Organization (STO).

The mission of the STO is to help position both national and NATO science and technology investments as a strategic enabler and technology advantage for the defence and security posture of NATO Allies and partners.

The Centre conducts scientific research and technology development and delivers innovative field-tested S&T solutions to address the defence and security needs of the Alliance.

CMRE has more than 60 years of experience and has produced a cadre of leaders in ocean science, modelling and simulation, acoustics and other disciplines, as well as producing critical results and understanding that have been built into the operational concepts of NATO and the Nations.

### POST DESCRIPTION

Location: La Spezia, Italy, 80 Km north of Pisa, on the Gulf of La Spezia

The **CMRE Visiting Researcher Programme (VRP)** offers the best and brightest students, university researchers and practicing professionals from NATO nations the opportunity to participate in a dynamic laboratory on the beautiful west coast of Italy, conducting research on subjects of interest to both the researcher and to NATO. Visiting Researchers will have access to CMRE equipment, facilities, and



data, and will gain practical experience through collaboration with CMRE scientists and engineers.

**Applications are currently being accepted and will be periodically considered for existing project requirements.**

Visiting Researchers (VR) fall into three categories:

- 1. Research Interns (RI)** must be full time undergraduate students. RI will receive 30% of a G11 monthly salary. Research Interns are responsible for arranging their own health and accident insurance.
- 2. Research Fellows (RF)** must hold a University Degree (Bachelor's or Master's Degree), but do not meet the qualifications as VS. RF will receive the equivalent of a G2 monthly salary. Research Fellows are responsible for arranging their own health and accident insurance.
- 3. Visiting Scientists (VS)** must hold a Ph.D. and possess at least 2 years post Ph.D. work experience in the field. Alternatively, a graduate degree and minimum 4 years' work experience in the field will be considered as commensurate experience. VS will receive the equivalent of a G11 monthly salary. Visiting Scientists are responsible for arranging their own health and accident insurance.

**Successful candidates will contribute** to CMRE's core competencies and current projects. CMRE's core competencies include:

- Underwater acoustics
- Sensors and signal processing
- Ocean observation and prediction
- Operations research of complex systems
- Remote sensing and adaptive sampling
- Communication engineering

- Ocean engineering
- Information theory
- Cognitive science
- Autonomy and collective intelligence
- AI
- Data exploitation
- Quantum Technology
- Computer Science
- IT
- Engineering.

Current research programmes based on these competencies include autonomous mine countermeasures, cooperative anti-submarine warfare, data and environmental knowledge and operational effectiveness, and maritime security. Applicants are encouraged to familiarize themselves with the technical content of the Centre's current research efforts, and tailor their applications accordingly.

Please find the latest annual report at the following link:

<https://www.cmre.nato.int/research/publications/technical-reports/special-publications/1701-cmre-ar-2022>

Notwithstanding the above mentioned core competencies, in 2024 CMRE is looking more specifically for experts in the following research areas/topics:

- Underwater acoustics and communications
- Maritime situational awareness and Critical Underwater Infrastructure protection
- Climate Change impacts on the defence sector in a multi-domain context
- Quantum related technologies in the maritime sector

### Notes to Applicants

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- VR fall within the category of **Consultants** and **chapter XVI of NATO CPRs regulates them.**

- VR assignments will last a minimum of **90 consecutive days** and may be extended by **one** further period **not exceeding 90 days**. On a case-by-case basis, assignments shorter than 3 months may be accepted.
- VR will receive paid travel to and from their place of residence to the CMRE in accordance with NATO travel rules, unless the assignment is less than 30 consecutive calendar days.
- VR are reminded that it is their responsibility to investigate with their appropriate Authorities in their home country whether a VISA is required for them to work in Italy and for their family members to join them in Italy.
- VR salaries are not exempted from taxation, therefore, VR are responsible to declare their stipends received from CMRE to the appropriate Fiscal Authorities, as required by legislation.
- VR are not automatically insured for accidents (to include accidents on duty), health problems or other risks, therefore, insurance coverage is mandatory. They need to provide evidence of insurance coverage for illness, accidents and accidents on duty for the whole period at CMRE.
- VR will be required to sign a statement understanding that all proprietary rights in any work carried out under the VRP shall be vested in the organisation. They will also be required to participate in a security briefing upon arrival.

## Application Procedure

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Applicants should submit their applications through TALEO, and **they may propose their own topic of research** for consideration when aligning candidate interests with CMRE project requirements.

Application is limited to nationals of NATO member states: Albania, Belgium, Bulgaria, Canada, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, Luxembourg, Montenegro, North Macedonia, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, The Netherlands, Turkey, United Kingdom and United States.



Candidates must be at least 21 years old to enter the Visiting Researcher Programme. On a case-by-case basis, participation to the VRP may require the researcher to obtain a NATO Secret security clearance certificate or interim clearance issued by the researcher's country of origin prior to arrival.

**Our recruitment process:**

- Please note that we can only accept applications from nationals of NATO member countries.
- Applications (including the most relevant publications, the diplomas - stating the highest level of education - and a CV) for this vacancy are to be submitted using the E-recruitment system;
- Appointment will be subject to receipt of a security clearance (provided by the national Authorities of the selected candidate) and approval of the candidate's medical file by the CMRE Medical Adviser.

**Additional information:**

- CMRE values diverse backgrounds and perspectives and is committed to recruiting and retaining a diverse and talented workforce. We welcome applications of nationals from all Member States and strongly encourage women to apply.
- Selected candidates are expected to be role models of integrity, and to promote good governance through ongoing efforts in their work.

**For more information on how to apply:**

[How to apply for posts within NATO](#)

[6 tips to apply for posts within NATO](#)

**NOTE:**



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**NATO will not accept any phase of the recruitment and selection prepared, in whole or in part, by means of generative artificial-intelligence (AI) tools, including and without limitation to chatbots, such as Chat Generative Pre-trained Transformer (Chat GPT), or other language generating tools. NATO reserves the right to screen applications to identify the use of such tools. All applications prepared, in whole or in part, by means of such generative or creative AI applications may be rejected without further consideration at NATO's sole discretion, and NATO reserves the right to take further steps in such cases as appropriate.**

#### **HOW TO APPLY:**

Applications are to be submitted using the NATO Talent Acquisition Program (NTAP)

<https://nato.taleo.net/careersection/2/jobdetail.ftl?job=240432&lang=en>

Applications submitted by other means are not accepted. NTAP allows adding attachments. Essential information must be included in the application form. Particular attention should be given to Education and Experience section. Each question should be answered completely. Expressions such as "please see annex / enclosed document" or invitations to follow links to personal webpages are not acceptable and will be disregarded. All answers should be in English preferably, or French.