



Finanziato  
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NextGenerationEU



Anno accademico 2025/2026 - XXXIX Ciclo

D.M. n. 118 del 02.03.2023 - PNRR, Missione 4, componente 1 – Investimento 3.4. e Investimento 4.1.

D.M. n. 117 del 02.03.2023 - PNRR, Missione 4, componente 2.

## COOPERATION AGREEMENT FOR EDUCATION ACTIVITY AT UNIVERSITIES / RESEARCH CENTERS ABROAD

### BETWEEN

The Department of Civil Engineer, Energy, Ambient and Materials (DICEAM) of Mediterranean University of Reggio Calabria, represented by the Head Giuseppe Barbaro, Ph.D. Program in Natural, Environmental and Anthropogenic Risks

### E

The Department of *Computer Science* of *Universidade de Vigo*, represented by *Dr. Iván Martínez Estévez*

Given that the agreement is entered into in order to put into effect the research grant abroad of the Ph.D. Student Emilio Lazzaro at *Universidade de Vigo*, Ourense for the period 26/02/2026 to 26/08/2026.

### it is agreed as follow

The Department of *Computer Science* of *Univesidade de Vigo* undertakes, with no additional charges, to host the holder of the post-doc fellowship at its facilities abroad, providing access to libraries, laboratories, the use of equipment and resources, educational and scientific assistance to carry out the research program.

All above will ensure the development of the following research program, during the period the Ph.D Student will spend abroad:

*The research program will focus on the numerical analysis of impulsive wave loads on vertical breakwaters under realistic geometric and foundation conditions, validating the study on the basis of reference laboratory experiments, and analyzing the influence of wave breaking processes and permeable foundations on pressures, impulses, and overall structural loads.*

The facilities, laboratories, (or more) listed below may be used by the Ph.D. Student during the research activity abroad:

1. *Laboratory 1.6, Edificio Campus Auga*

This agreement will last for 6 months corresponding to the research period the Ph.D. Student will spend abroad.

Reggio Calabria,



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For the Department DICEAM of Mediterranean University of Reggio Calabria

Approved

The Coordinator

The Head of the Department

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For the Department of Computer Science of Universidade de Vigo

*Dr. Iván Martínez Estévez*  
*Assistant Professor – Host Supervisor*  
*Department of Computer Science*  
*Universidade de Vigo*