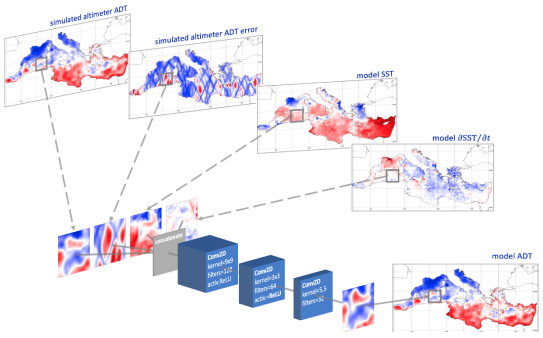
The University of Napoli *Federico II* has opened a call for a **PhD scholarship in Physics**, to be held in collaboration with the **Institute of Marine Science** of the Italian National Research Council (CNR-ISMAR) on the topic:

"***Study of ocean physics and climate processes with Artificial Intelligence and Machine Learning techniques***/*Studio dei processi fisici degli oceani e del clima attraverso tecniche di Artificial Intelligence e di Machine Learning*''



The candidate selected for the PhD scholarship will develop their thesis project at CNR-ISMAR, within the Naples section of the Satellite Oceanography Group, in collaboration with dr. Bruno Buongiorno Nardelli (senior researcher).
The main research activities will be based on the combination of satellite data, in situ observations and models to study ocean dynamics (up to climatic scales), with a specific focus on the development and test of innovative tools, based on Artificial Intelligence, for the monitoring and analysis of fundamental oceanic processes. The candidate will join a lively research environment, with excellent potential to take advantage of international collaborations within Italian and European research programs.

Application DEADLINE: **19/07/2022 15.00 (CET)**

Full details about the scholarship can be found at:
http://www.unina.it/didattica/post-laurea/dottorati-di-ricerca/bandi-di-ammissione#p_p_id_101_INSTANCE_csqL5CNMNDEB_

For further information on potential topics to be investigated during the PhD, feel free to contact:
bruno.buongiornonardelli@cnr.it

ABOUT US:
CNR-ISMAR is one of the largest institutes in Italy dedicated to scientific development in ocean science, with a permanent staff of over 200 people distributed over 6 locations: Venice (ISMAR headquarter), Trieste, La Spezia, Bologna, Rome and Naples. It carries out advanced research in physical, chemical and biological oceanography and marine geology. The institute core objectives encompass the study of oceanic processes and climate variability and the development of integrated multidisciplinary systems/services for the monitoring, protection and sustainable management of the marine environment from the open ocean to the coastal areas.