



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

CORSO DI DOTTORATO

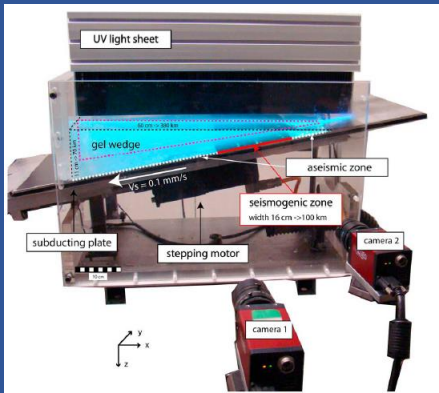
DOTTORATO IN SCIENZE DELLA TERRA, VITA ED AMBIENTE
- STVA

Webinar

Thursday 28th April 2022 @ 10:30 am

A TASTE OF EXPERIMENTAL TECTONICS

Prof. FRANCESCA FUNICIELLO - University of Roma TRE | Dept. of Sciences



The principle of experimental modeling is based on the use of physically tested materials that allow to respect the similarity criteria in reproducing processes that have spatial and temporal geological scales. The seminar will provide a "taste" of this methodology, describing its philosophy and history. Furthermore, the realization phases of an experimental model will be described.



Francesca Funicello is Associated Professor at the Dept. of Sciences of the University Roma TRE. She is modeler, specialized in the study of geodynamics and seismotectonics of convergent margins.

She is the responsible of the Laboratory of Experimental Tectonics of the University Roma TRE. Author of more than 80 peer reviewed publications (h-index 34) and about 200 presentation at national and international meetings. She got the 2006 EURYI Award (European Science Foundation), the 2009 Burgen Scholar Award (Academia Europaea), the 2018 Burov Medal (ILP) and the 2022 Marie Tharp Medal.