

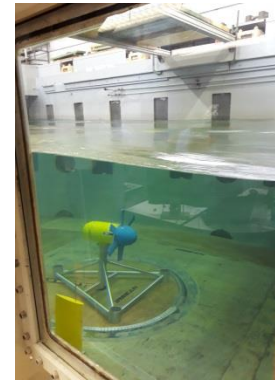
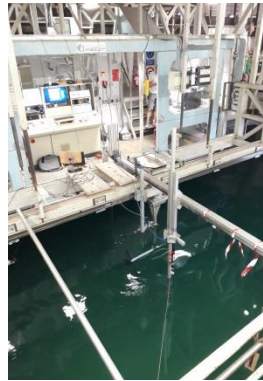
Training course on

*“Model scale testing of tidal energy converters
in towing tanks and depressurised channels”*

Organized by CNR-INM, The Marine Engineering Institute - Italian National Research Council

(former INSEAN)

Rome, Italy, February 25 – 28, 2019



Course outline:	<ol style="list-style-type: none"> 1) Introduction to MaRINET-2 courses & to CNR-INM (INSEAN) 2) Towing tank and water flume testing environments 3) Scaled models and testing protocols 4) Measurement equipment and data acquisition 5) Performance measurements 6) Wave current interaction 7) Cavitation 8) Velocimetry techniques: LDV, PIV 9) Correlation to full scale/tidal site 10) Integration with computational modelling 11) Wrap-up: how to develop TRL through model tests and how to successfully apply to MaRINET-2 TNA calls
Approach:	Classes and talks will be integrated with access to workshop and facilities
Duration:	4 days, Monday to Thursday Max 20 hours in total, 4 to 6 hours per day, including classes and laboratory
Venue:	CNR-INM, Via di Vallerano, 139 – Rome, Italy
Contacts:	Francesco.salvatore@cnr.it

Note: A detailed course program and details about travel and accommodation will be uploaded on the MaRINET-2 website in the coming weeks.