

# IAHR Roma Tre Young Professionals Network

2023 Annual Report  
of Activities

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**Young  
Professionals  
Network**

*Hosted by*  
Spain Water and IWHR, China


## **1. Our vision and mission**

The IAHR strives to foster connections among experts and students in the hydro-environmental domain globally. As a team, the Young Professional Network Roma Tre has actively contributed to this mission since 2020. The IAHR Roma Tre YPN comprises a collective of doctoral candidates and early-career professionals with backgrounds in engineering and physics, affiliated with Roma Tre University in Rome, Italy.

## **2. Main goals and key objectives in 2023**


In 2023, many members of our group successfully completed their Ph.D. experiences, obtaining the title of Ph.D. The primary objective of our network has been to disseminate the knowledge gained during this research journey to undergraduate and graduate students, aiming to acquaint them with the realm of research and promote our field of study across diverse areas of hydraulics and related environmental sciences. Our interests span experimental, theoretical, and computational fluid mechanics. To achieve our objectives, we actively participated as a cohesive group in various national and international activities and events. This engagement allows us to continually enhance and grow both professionally and personally.

### 3. Activities in 2023

 <p>Ph.D Life 07/12/2023 Giornata del dottorato</p>	<p>PhD Life</p> <p><b>Date/s</b> Every 2 months</p> <p><b>Venue</b> Roma Tre University, Rome (IT)</p> <p><b>Objectives</b> <i>To foster interactions and collaborations that enhance the research ecosystem within our department.</i></p> <p><b>Description</b> Social event that aims to strengthen interactions between PhD students.</p>
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 <p>4th IAHR Young Professionals Congress 22—24 NOV 2023 → ONLINE #iahrYPCongress IAHR.org</p>	<p>4th IAHR YPCongress</p> <p><b>Date/s</b> 22-24 Nov. 2023</p> <p><b>Venue</b> Online</p> <p><b>Objectives</b> <i>-Keeping informed about current research topics; -Sharing of our main findings with other participants;</i></p>
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	-New connections with other YPN.
	<p><b>Description</b></p> <p>Opportunity for the YPN members to be introduced in the YPNs and IAHR community and present the research works.</p>

 <p>EUROPEAN MECHANICS SOCIETY</p>	<p>COLLOQUIUM 608 DYNAMICS OF GRAVITY CURRENTS 28 June – 30 June 2023, Grenoble, France</p>	<p>EUROMECH</p>
		<p><b>Date/s</b></p> <p>28-30 Jun. 2023</p>
		<p><b>Venue</b></p> <p>LEGI, Grenoble (FR)</p>
		<p><b>Objectives</b></p> <p><i>To gather the scientific community to exchange knowledge on recent developments in gravity currents, such as integral models using vorticity arguments, 3D numerical simulations and laboratory measurements.</i></p>
		<p><b>Description</b></p> <p>Informal oral presentations in plenary sessions and some poster presentations were displayed throughout the colloquium.</p>

 <p data-bbox="440 674 759 775"><b>LEAF</b></p> <p data-bbox="443 786 756 831">heal the planet's</p> <p data-bbox="440 831 759 898"><b>FUTURE</b></p> <p data-bbox="443 902 756 925">• EUROPEAN RESEARCHERS' NIGHT •</p> <p data-bbox="379 931 817 981"><b>29 settembre 2023</b></p> <p data-bbox="379 987 817 1010">SETTIMANA DELLA SCIENZA 23 SETTEMBRE - 30 SETTEMBRE</p> <p data-bbox="331 1037 865 1122"><b>LABORATORI, QUIZ, SHOW, VISITE NEI CENTRI DI RICERCA</b></p> <p data-bbox="256 309 320 338">    </p> <p data-bbox="427 300 512 331">  </p> <p data-bbox="539 300 576 338">  </p> <p data-bbox="603 300 683 331">  </p> <p data-bbox="699 300 762 331">  </p> <p data-bbox="890 309 938 360">  </p>	<p data-bbox="1050 286 1273 320"><b>Research Night</b></p> <p data-bbox="970 398 1066 432"><b>Date/s</b></p> <p data-bbox="970 454 1177 488">29 Sept. 2023</p> <p data-bbox="970 510 1066 544"><b>Venue</b></p> <p data-bbox="970 566 1114 600">Rome (IT)</p> <p data-bbox="970 622 1129 656"><b>Objectives</b></p> <p data-bbox="970 678 1289 880"><i>To bring science and researchers among citizens, young people and students.</i></p> <p data-bbox="970 902 1145 936"><b>Description</b></p> <p data-bbox="970 958 1337 1160">Meeting place to give the opportunity to show the research contributions to the society.</p>
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## **4. Partnerships and collaborations**

### **4.1. Partnerships**

Some of our members collaborate with the followed organizations in order to conduct their researches:

- 1) Marine science institute CNR-ISMAR
- 2) Laboratory of Geophysical and Industrial Flows CNRS-LEGI
- 3) University of Lisbon

## **5. Communication channels**

Linkedin: <https://www.linkedin.com/company/iahr-roma-tre-ypn>