



CALL FOR PARTICIPATION IN 10th EULiST “FRIDAYS FOR RESEARCH” EVENT

Dear EULiST Partners,

I would like to cordially invite you to participate in the eighth edition of the “*Fridays for Research*” event, one of the main objectives of the *EULiST - European Universities Initiative Alliance project*. We look forward to your participation and the opportunity to share our joint research interests. Invited Speakers shall present a few-minute summary of expertise on the specific theme of every “Fridays for Research” whereas other interested from each EULIST partner, may join as participants at any time.

Aims and scope: “Fridays for Research” aim at providing a platform for researchers to meet and generate ideas.

Specific Call tba

Date **9th January 2026 12:00 - 14:00 CET**

Venue https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZmViNjIzMGQtODBiNi00ZTFmLTlmMmEtYjVkNmJmNDMwNjIh%40thread.v2/0?context=%7b%22Tid%22%3a%22075e0cb3-752a-4320-b367-6d08b7918c40%22%2c%22Oid%22%3a%22595874eb-528b-4576-aeba-c0d777225704%22%7d

Topic **Water Energy Nexus**

SubTopics

1. Water-carbon footprint
2. Water and energy infrastructures
3. Water and energy system modeling
4. Water efficiency optimization in energy production
5. Data sharing and modeling tools for water–energy planning
6. Low-energy desalination, smart water grids, wastewater energy recovery
7. Water-intensive industries and water-efficient technologies
- 8.
- 9.
- 10.

Any other suggested relevant topic

prof. **Sotirios Karellas**, PhD.
WP4 Lead

For more information
about EULiST alliance visit eulist.university or contact Angelos Markopoulos amark@mail.ntua.gr regarding the event.

PRELIMINARY PROGRAM

Time	Speaker / Topic
12:00 to 12:15 (CET)	1 st Keynote: 2 nd Keynote:
12:15 to 14:00(CET)	Presentations by the member universities (5 min presentation + 10 min discussion) <i>Focus on research ideas and know-how the participating university can bring to the TOPIC:</i> "Water-Energy Nexus" Summary of the outcomes of the sessions and future steps (10 min) (Rapporteur + Chair)

Please, fill in the names, contact details and specific topics of your university member/s who is/are dealing with the topic under the theme **"WATER - ENERGY NEXUS"** to be presented.

Name	Email	EULiST member	Role Speaker / Participant	Topic
Prof. Sotirios Karellas	sotokar@mail.ntua.gr	NTUA	Speaker	Intro to RF
Prof. Maria Papadopoulou	mpapadop@mail.ntua.gr	NTUA	Speaker	The Water Energy Nexus
Prof. Jari Hämäläinen	Jari.hamalainen@lut.fi	LUT	Speaker (optional)	CFD-based optimization in hydrodynamics
Assoc. Prof. Pavel Rudolf	rudolf@fme.vutbr.cz	BUT	Speaker	Energy Recovery in Water Supply Systems: Digital Monitoring and Hidden Hydropower
Prof. Josef Drápela	drapela@vut.cz	BUT	Speaker (optional)	1. "small" watter plants integration into power system, 2. increasing the efficiency of wastewater treatment plants.
Assoc. Prof. Zdeněk Jegla	Zdenek.Jegla@vut.cz	BUT	Participant	-
Dr. Bohuslav Kilkovský	kilkovsky@fme.vutbr.cz	BUT	Participant	-
Prof. Javier Marugán	javier.marugan@urjc.es	URJC	Speaker	Improving energy efficiency in solar water treatment
Prof. Luc Malhautier	luc.malhautier@mines-ales.fr	IMT	Speaker	Water & Energies @IMT
Dr Reza Ahmadi Naghadeh	Reza.ahmadi@ju.se Ibrahim.yitmen@ju.se	JU	Speaker (Reza)	Soil–Water–Structure Interaction in Offshore Wind

				Energy Systems with Focus on Digital Twin Development
Assoc. Prof. Roman Vyleta + Dr. Peter Valent	roman.vyleta@stuba.sk	STUBA + TUW	speaker	Reassessment of design floods for dam safety
prof. Sivia Kohnova	silvia.kohnova@stuba.sk	STUBA	participant	
Dr Piera Fischione	piera.fischione@univaq.it	UNIVAQ	Speaker	Water and energy infrastructures at UNIVAQ
assoc. prof. Peter Sulek + Dr. Michaela Cervenanska	michaela.cervenanska@stuba.sk peter.sulek@stuba.sk	STUBA	Speaker	Hydropower Plant System Optimisation
Dagmar Pohl, M.Sc.	pohl@isah.uni-hannover.de	LUH	Speaker	Boosting Sponge Cities with Integrated Water Circularity
Ass.Prof. Dipl.-Ing. Dr.techn.Eduard Doujak	eduard.doujak@tuwien.ac.at	TUW	Speaker	
Reinhard Sefelin	Reinhard.sefelin@tuwien.ac.at	TUW	participant	