

Webinar

GIF talks with industry series #3

LFR Developers: Ansaldo Nucleare

Hosted by the GIF LFR provisional SSC

Join us on November 7, 2024, 14:30 CET (UTC+1)

Ansaldo Nucleare leading a joint European roadmap towards a competitive LFR

Join us for a GIF hosted webinar to explore the development for a commercial EU-SMR-LFR through the European international collaboration at European level towards the construction of ALFRED, the Advanced LFR European Demonstrator, by Ansaldo Nucleare, as leader of the FALCON Consortium.

- ALFRED is a pool type LFR leveraging mature design choices and proven materials. This webinar will present how ALFRED project is implementing a staged approach in order to achieve operating conditions representative of a competitive commercial reactor. It will also discuss a set of existing experimental infrastructure supporting ALFRED and new facilities complementing existing ones under construction in Romania.
- FALCON is also engaging with SCK CEN (Belgium). Learn how the partners are combining expertise to define the reference design of a commercial EU-SMR-LFR. The webinar will explore the roadmap to deployment, supported by two precursors: LEANDREA in Belgium, devoted to material and fuel qualification for the following units, and ALFRED in Romania, demonstrator and prototype of the commercial reactor.
- EU-SMR-LFR: Discover how designers are striving for enhanced competitiveness through improved operating temperature, passive safety features and simplified design. The webinar will also discuss the importance of this development in terms of the closure of the fuel cycle for improved sustainability and security targets.

A Q&A session will follow the presentation, providing an opportunity to further understand how Ansaldo Nucleare and its partners are working to bring a Gen IV reactor to reality.

This webinar is the third of a series where GIF engages with industry representatives to bridge national and international R&D programs, industry needs and challenges. It is also aimed at and exploring new avenues for fruitful cooperation within the GIF community.

Dr. Mariano Tarantino from ENEA, the co-chair of GIF LFR provisional system steering committee, will facilitate this webinar.

Speaker

Dr. Michele Frignani entered Ansaldo Nucleare in 2007 and is currently Head of Nuclear Technologies and Product Development. He covered multiple roles in the company, from technical coordination to management responsibilities of increasing complexity. He is now supporting the strategic plan, including the interface and synergies with the Ansaldo Group.

With 15+ years of experience in the nuclear field and 10+ years in coordination of innovative projects, he devoted most of his career in bridging the gap between academia and industrial sector, with a focus on the management of engineering and testing programs for advanced reactor concepts and small modular reactors.

He has a PhD in Nuclear Engineering at University of Bologna, and recently attended the Key Manager High Education program by CdP Academy at SDA Bocconi, Headsprings and IESE Campus. With more than 30 publications in journals, he is also invited speaker at various international events on energy and nuclear technology.

Free webcast!

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Who should attend:
policymakers, industry professionals, regulators, researchers, students, general public

