



Join us on September 26, 2018
for the next GEN IV webinar

ADVANCED LEAD FAST REACTOR EUROPEAN DEMONSTRATOR – ALFRED PROJECT

The webinar presents the main design features of the ALFRED nuclear reactor demonstrator as developed in the frame of the Collaborative projects funded by the European Community Framework Program. The presentation will provide an overview of specific design solutions, safety approach and safety characteristics of ALFRED, touching the most important aspects of the demonstrator. Latest developments are briefly presented as well. The remaining research challenges are then explained at the light of the present technology understanding to highlight the present status of knowledge and further steps to be pursued.

Free webcast

Wednesday September 26, 2018 at 8:30 am EDT (UTC-4)



Register **NOW** at
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Who should attend: policy makers, managers, regulators, students, general public

Meet the Presenter...

Dr. Alessandro Alemberti is the Nuclear Science Development Manager of Ansaldo Nucleare (Italy) and in this position takes care of the Research & Development activities of the company. He coordinated the ELSY and LEADER projects in the frame of the 6th and 7th Framework Programs of the European Community, projects devoted to Lead cooled Fast Reactors development and participated as well to the main EU projects related to Lead and Lead Bismuth Eutectic (LBE) coolant technologies in recent years. Since 2012, he has served as the chairman of the Generation IV International Forum (GIF) Lead Fast Reactor provisional System Steering Committee representing EURATOM.

After receiving his PhD degree in Physics from the University of Genoa (Italy) in 1979 and joining Ansaldo in 1981, he dedicated his efforts to thermal-hydraulic simulations for Light Water Reactors safety and licensing and participated to research programs like OECD-LOFT as well as AP600 and SBWR activities.

He is the author of a number of papers and patents devoted to the development of passive safety systems. In 2017 he was awarded the title of "Maestro del Lavoro" (Master of Work) by the President of Italian Republic.



The Generation IV International Forum invites you to attend web-based lectures on the next generation of nuclear energy systems and other cross-cutting subjects. Join internationally recognized subject matter experts and leading scientists in the nuclear energy arena for these short presentations.

Upcoming Webinars

October 24, 2018	Safety of Gen IV Reactors, Dr. Luca Ammirabile
November 28, 2018	The Allegro Experimental Gas Cooled Fast reactor Project, Dr. Ladislav Belovsky
December 19, 2018	Russian BN 600 and BN 800, Dr. Iiruri Ashurko

For more information, please contact: Patricia Paviet at patricia.paviet@nuclear.energy.gov or visit the GIF website at https://www.gen-4.org/gif/jcms/c_84279/webinars

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