



Join us on February 19, 2019 for the next GEN IV webinar Safety of Gen IV Reactors

Excellence in safety and reliability is among the goals identified in the technology roadmap for Generation IV nuclear reactors. This webinar will give an overview of the activities of the Gen IV Risk and Safety Working Group done in support of the six Gen IV nuclear energy systems towards the fulfilment of this goal. Topics include a presentation of the safety philosophy for Gen IV systems, the current safety framework for advanced reactors, and the methodology developed by the group for the safety assessment of Gen IV designs. Other ongoing activities between the group and the designers of Gen IV systems will be also highlighted.

Free webcast

February 19, 2019 at 8:30 am EST (UTC-5)



Register **NOW** at
www.gen-4.org

Who should attend: policy makers, managers,
regulators, students, general public

Meet the Presenter...

Dr. Luca Ammirabile works at the European Commission (EC), Joint Research Centre in Petten, the Netherlands, where he is Group Leader of the Nuclear Reactor Accident Modelling (NURAM) team of the Nuclear Reactor Safety and Emergency Preparedness Unit. His group deals with Nuclear Reactor Safety assessment for current and innovative reactors, focusing on the safety issues related to the prevention and mitigation of Severe Accident conditions and Source Term estimation. His current research activities are core thermal-hydraulic analyses, deterministic code application and development, and safety assessment of advanced reactors. Since 2014, he has been co-chairman of the working group on Risk and Safety of the Generation IV International Forum. He is also the EC representative on the OECD/NEA Working Group for the Analysis and Management of Accidents (WGAMA) and the Working Group for the Safety of Advanced Reactors (WGSAR).

Prior to joining the European Commission in 2007, Luca worked at Tractebel Engineering (now Tractebel Engie) in Belgium in the Thermalhydraulics and Severe Accident Section, where he was engaged, among other projects, in the development of innovative methodologies in support of the safety assessment of the Belgian Nuclear Power Plants.

Luca received his doctorate from the Imperial College London in 2003 and his master's degree in nuclear engineering from the University of Pisa, Italy in 1999.



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

15 April 2019	European Sodium Fast Reactor: An Introduction, Dr. Konstantin Mikityuk
22 May 2019	Formulation of Latent Heat Matrix for Solidification/Stabilization of Nuclear Waste, Mr. Matthieu De Campos
19 June 2019	Interaction JOG/Sodium in case of a Clad Breach in a Sodium Fast Reactor, Mr. Guilhem Kauric

For more information, please contact: Patricia Paviet at patricia.paviet@pnnl.gov or visit the GIF website at www.gen-4.org