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## PROLIFERATION RESISTANCE AND PHYSICAL

### PROTECTION OF GEN IV REACTOR SYSTEMS

This webinar will provide an overview of the activities of the Gen IV Proliferation Resistance and Physical Protection Working Group. Topics include a presentation of the methodology developed by the group, an illustration of the methodology to an example nuclear system, and a summary of ongoing interactions between the group and the designers of the six Gen IV nuclear energy systems. Other outreach activities of the group associated with various national and international organizations will be briefly summarized.

# Free webcast Wednesday May 23, 2018 at 8:30 am EDT (UTC-4)

Register NOW at https://foodshield.connectsolutions.com/e 3nie0zhzdw/event/registration.html

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

#### Meet the Presenter...

Dr. Robert A. Bari is Senior Scientist Emeritus at Brookhaven National Laboratory and has over 40 years of experience in nuclear energy research. He has performed studies on safety, security and nonproliferation of advanced nuclear concepts. For 15 years Dr. Bari was co-chairman of the working group on proliferation resistance and physical protection of the Generation IV International Forum. He has served on the Board of Directors of the American Nuclear Society and as President of the International Association for Probabilistic Safety Assessment and Management. Dr. Bari was awarded the Theo J. "Tommy" Thompson Award in 2003 by the American Nuclear Society. In 2004, he received the Brookhaven National Laboratory Award for Outstanding Achievement in Science and Technology. Dr. Bari is a fellow of the American Nuclear Society and of the American Physical Society. He has participated in risk-based standards development for nuclear technologies for more than two decades. He has been a committee member of the U. S. National Academy of Sciences on Lessons Learned from the Fukushima Nuclear Accident for Improving Safety and Security of the U.S. Nuclear Plants. Dr. Bari also chaired a workshop of the U. S. National Academy of Sciences on safety and security culture held jointly between the U.S. and Brazil in 2014. He received his doctorate from Brandeis University (1970) and his bachelor's degree from Rutgers University (1965). He was awarded membership in the Phi Beta Kappa,



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**

June 7, 2018 Molten Salt Reactor: MOSART, Dr. Victor Ignatiev
July 30, 2018 Astrid – Lessons Learned, Dr. Frederic Varaine
August 22, 2018 BREST 300, Lead Cooled Fast Reactor, Dr. Valery Rachkov

Sigma Xi, and Sigma Pi Sigma honor societies.

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

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