



WNU Nuclear Olympiad 2019

Stage 3 Panel of Expert Judges



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Ann Bisconti established the company in 1996 with an extended network of research capability created over 13 years as Vice President for Research and Program Evaluation at the Nuclear Energy Institute and prior research on higher education, careers, and advertising



Aruna Korde, joined Bhabha Atomic Research Centre (BARC), premier research institute in Nuclear Sciences in India after completing her basic education in Pharmacy with Pharmacology specialization. She received her Ph.D. working in the field of radiopharmaceutical Sciences at BARC. She has over 25 years of experience in medical radioisotope production & radiopharmaceuticals using both reactor and cyclotron produced radionuclides, including her post- doctoral research at PET centers of Yale and Wake Forest Universities in US. She was involved in setting up first medical cyclotron and PET radiopharmacy facility of India in 2002.

She was the faculty Member of Homi Bhabha National University and was involved in Project Planning activities of Radioisotope program of BARC. She was the main responsible person for Quality Assurance of Radiopharmaceutical facility of Department of Atomic Energy (DAE), India and worked as a Member Secretary of Radiopharmaceutical Regulatory body of Radiopharmaceuticals of DAE, India before joining IAEA in 2018. In her current role of Technical Officer, at Radiation Products & Radiation Technology Section, IAEA she is responsible for providing Technical assistance to Member states for capacity building, training and research in Radioisotope Production & Radiopharmaceutical programs.

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Mr Joao Osso, from Brazil holds the degrees of Ph.D. in Nuclear Chemistry from the University of Manchester, England, M.Sc. in Nuclear Engineering from the Federal University of Rio de Janeiro (UFRJ), Brazil and B.Sc in Chemistry from the University of Sao Paulo (USP), Brazil. He had more than 34 years of experience on the field of radioisotope and radiopharmaceutical production in Brazil before joining IAEA in February 2014. He is currently the Head of the Radioisotope Products and Radiation Technology Section from the Division of Physical and Chemical Sciences at the International Atomic Energy Agency (IAEA) in Vienna, Austria.



Dr. Valeriia Starovoiatova's doctoral research was done at Purdue University and Argonne National Lab. After graduation, she worked at the Idaho Accelerator Center where she was leading several applied nuclear physics projects, such as photonuclear production of isotopes, nuclear waste transmutation, and photon activation analysis.

From 2013 to 2018, she worked at Niowave Inc., a US company that designs, manufactures, and commissions electron accelerators. She established and led the Applied Physics Department, a highly skilled interdisciplinary team of scientists and engineers. In 2018 Dr. Starovoiatova joined the International Atomic Energy Agency (IAEA) where she currently works as a Radiation Technology Coordination Officer. Her work is focused on support and promotion of accelerator-based technologies.



John Lindberg is an expert in the field of radiological and nuclear risk communication, currently working as a writer and analyst at the World Nuclear Association, as well as undertaking a PhD at King's College London and Imperial College which focuses on challenging radiological narratives in post-trust, post-truth environments. Prior to this, John spent a number of years as policy and political adviser in a number of parliaments and think tanks in the UK, the EU and the US as well as advising the UK government on nuclear new build, radiological issues and regulatory practices. He is a Fellow of The Royal Society for the Encouragement of Arts, Manufactures and Commerce.