



webinar

WEDNESDAY

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Petty Cartemo presents:

Predicting The Future: RTI Detector Development With Monte Carlo Simulations

Sponsored by: RTI



Wednesday, June 26, 2019, 2:00pm ET

PRESENTER: Petty Cartemo



Petty Cartemo, PhD, Physicist at RTI. Employed by RTI since 2016 for her expertise within radiation physics, measurement technologies, model description, and sensor development. Petty has a 10-year university education within Nuclear Engineering with specification on nuclear physics, radiation protection, and measurement techniques. She has national and international research projects on GenIV technology and is the author or co-author to 18 publications in the form of scientific papers, research reports, and conference proceedings. She was awarded the SKC Award for Best Master Thesis on “In-Core Neutron Noise Analysis for Diagnosis of Fuel Assembly Vibrations” and is the Leader of the

Referral Committee for Swedish Nuclear Society.

WEBINAR AGENDA: This 60-minute webinar will feature Petty Cartemo, PhD, Physicist at RTI. RTI uses MC simulations as a tool in the development of products and mathematical models for the measurement of key values such as HVL, kV and dose. Join Petty as she briefly goes through the physics and technical details needed for the theoretical description of radiation properties and how R&D at RTI utilizes data simulation tools. An example of a current product will be presented to demonstrate the effectiveness of MC simulations.

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Our presenter will end today's webinar with a Q&A session. If you have a question, please submit it early by emailing webinar@mdpublishing.com.

All questions will be addressed at the end of today's presentation or the presenter will follow up with you offline.



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- Leroy S.

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