

Planning for the Future: Transatlantic Cooperation in SMRs Workshop

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Dr. Shannon Bragg-Sitton is an internationally recognized pioneer in the innovative application of nuclear energy alongside other clean energy generators, seeking to maximize energy utilization, generator profitability, and grid reliability and resilience through systems integration.



Shannon is the Director for the Integrated Energy & Storage Systems Division in the Energy & Environment Science & Technology Directorate at Idaho National Laboratory, which includes Power and Energy Systems, Energy Storage and Electric Transportation, and Hydrogen and Electrochemistry departments. She also serves as the National Technical Director for the DOE Office of Nuclear Energy Integrated Energy Systems (IES) program (<https://ies.inl.gov>), which has developed novel modeling and simulation tools for technical and economic assessment of multi-input, multi-output IES and supporting experimental capabilities. Dr. Bragg-Sitton is also the Chair of the recently established Gen-IV International Forum (GIF) Task Force (TF) on Non-electric Applications of Nuclear Heat (NEaNH).

Prior to her current position, Shannon has held multiple leadership roles in DOE Office of Nuclear Energy programs since joining INL in 2010, including program leadership for space nuclear power and propulsion systems, advanced nuclear fuels, and microreactor development.

Dr. Bragg-Sitton holds a PhD and MS in Nuclear Engineering from the University of Michigan, an MS in Medical Physics from the University of Texas at Houston, and a BS in Nuclear Engineering from Texas A&M University.