

Computing@PNNL SEMINAR

The DOE Exascale Computing Initiative: ECP and Holistic Co-design



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In his talk, Dr. James Ang will describe the Department of Energy's role under the structure of the National Strategic Computing Initiative (NSCI) and the differences between the Exascale Computing Initiative (ECI) and the Exascale Computing Project (ECP). ECP is a formal DOE project that has established an integrated view of holistic co-design with significant investments in applications development, system software, and hardware architecture research and development. The ECI is the umbrella for ECP, as well as the Exascale System and non-recurring engineering (NRE) vendor contracts that will be established through DOE's leadership class facility procurements.

Dr. Ang's talk will provide an overview of ECP, holistic co-design, and touch on other NSCI/ECI activities relevant to potential DOE-Department of Defense interagency collaborations in advanced architectures.