Abstract Submitted
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The DOE Nuclear Physics SBIR/STTR Program[1] MICHELLE SHINN, Department of Energy - US — The Office of Nuclear Physics (NP) Small Business Innovative Research (SBIR)/ Small Business Technology Transfer (STTR) Program annually funds R&D in four Topics: Software and Data Management, Electronics Design and Fabrication, Accelerator Technology, and Instrumentation, Detection Systems and Techniques. Approximately half of the awards are in the areas of Electronics and Instrumentation. I will discuss the program and how it is structured to provide state-of-the-art hardware and software for the nuclear physics community in order to meet requirements for experiments planned some 4-7 years in the future. As a side benefit, to best fulfill these requirements, PIs often work with academics and facility staff, providing members of the community opportunities they might otherwise not have to work with colleagues in the applied R&D sector. Throughout my talk I will highlight innovations that will advance our nation's capability to perform nuclear physics research, and more specifically to improve scientific productivity at DOE NP Scientific User Facilities and the wider NP community's experimental programs.

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