

A NEW HOME FOR SRF WORK AT JLAB—THE TECHNOLOGY AND ENGINEERING DEVELOPMENT FACILITY

C.E. Reece, A.V. Reilly [JLAB, Newport News, Virginia, USA]

Abstract

A project is underway at Jefferson Lab to fully renovate all of the SRF research, development, fabrication, processing and assembly facilities. Initiated in 2009 and funded by the US Department of Energy's Science Laboratory Infrastructure program, this work together with construction of a new building to house JLab's Engineering Division and detector electronics group is collectively known as the Technology and Engineering Development Facility (TEDF) Project. The majority of the SRF facilities will be consolidated in a new building with 30,000 square feet (3300 m²) of work space attached to the existing Test Lab. The purpose-built facility integrates fabrication, chemistry, and cleanroom suites and cryomodule assembly lines for convenient, yet flexible operations serving multiple projects in parallel. A robust ultra-pure water system and integrated hazardous materials transfer and neutralization system are included in the project. Construction is underway and move-in is scheduled for early 2012. Project details will be presented.

**CONTRIBUTION NOT
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