



Contribution ID: 53

Type: **not specified**

Deploying EPICS IOCs using Buildroot and Docker

Wednesday 18 September 2024 15:50 (20 minutes)

This year, Abilene Christian University's Nuclear Energy eXperimental Testing Lab (NEXT) will deploy a new 50 gallon Molten Salt Test System (MSTS) utilizing an EPICS control system. MSTS is a critical technological stepping stone for the NEXT Lab's ambitious goal to deploy the Natura MSR-1 as the Molten Salt Research Reactor by 2026. This presentation will elaborate on the process of deploying EPICS IOCs on single board computers using a custom build of Linux using Buildroot and Docker.

Primary author: GEISERT, Austin (Abilene Christian University)

Presenter: GEISERT, Austin (Abilene Christian University)

Session Classification: EPICS Meeting Talks

Track Classification: System Management