

Session Program

7-10 Oct 2025



CPAD 2025 at Penn

RDC 10 Detector Mechanics

Inn at Penn, University of Pennsylvania
3600 Sansom Street, Philadelphia, Pa 19104

Thursday 9 October

14:00

RDC 10 Detector Mechanics

Session | **Location:** Inn at Penn, University of Pennsylvania, 3600 Sansom Street, Philadelphia, Pa 19104

14:00-14:20

Relieving Thermal Stress in ATLAS ITk Strip Modules

Speaker

Anne Winifred Fortman

14:20-14:40

Temperature dependent thermal conductivity measurements and their effects on the thermal management predictions for Silicon Detector Support Structures

Speaker

Pau Simpson

14:40-15:00

Global Mechanics Challenges for Materials and Structures in Future Collider Detectors

Speaker

Giorgio Vallone

15:00-15:20

Production of Vessel and Mirrors for the pfRICH Detector at the EIC

Speaker

Charles Joseph Naim

16:00