Session Program

Jan 26 – 29, 2027



Tesla Technology Collaboration (TTC2027)

WG-2: High power couplers and HOM couplers – RF and cryogenic performance

Jefferson Lab, CEBAF Center - Auditorium
12000 Jefferson Avenue Newport News, VA 23606 - USA

Wed, January 27

11:00 AM

WG-2: High power couplers and HOM couplers – RF and cryogenic performance

Session | **Location:** CEBAF Center, F113

11:00 – 11:15 AM **HOM and FPC integration for EIC ESR cryomodule**

Speaker
Gary Cheng

11:15 – 11:30 AM **FPC for conduction cooling cryomodule at Jlab**

Speaker
Neil Stilin

11:30 – 11:45 AM
Design of a 1.3 GHz Forward Power Coupler for the Cornell Conduction-Cooled Nb3Sn Cryomodule (CM4)

11:45 AM – 12:00 PM
FPC with reduced cryogenic heat loads (conduction-cooled accelerators)

12:00 – 12:30 PM **Discussion**

Speaker
Wencan Xu

12:30 PM