

Session Program

14-15 May 2025

G-RADNEXT Workshop 2025

Session 3: System Level Testing

Guest House, GANIL

Wednesday 14 May

14:25

Session 3: System Level Testing

Session | Location: Guest House, GANIL

14:25-14:30 **Introduction - Session 3: System Level Testing**

Speaker
Matthew Gill (Space Radiation Services)

14:30-14:50 **Testing with High Energy Ions at the NASA Space Radiation Laboratory**

Speaker
Malcolm McCarthy (NSRL)

14:50-15:05 **Characterization of NVIDIA Jetson Orin System-On-Chip (SOC) behind shielding exposed to proton and heavy ion beams**

Speaker
Lembit Sihver (Cosmic Shielding)

15:05-15:20 **From Planning to Beam Time - A Startup’s Journey in New Space Radiation Testing**

Speaker
Wouter Benoot (EDGX)

15:20-15:35 **Board-Level Radiation Testing: Challenges and Benefits**

Speaker
Maarten Schild (Dawn Aerospace)

15:50

15:35-15:50 **Discussion with audience**