

2023 RaDIATE Collaboration Meeting



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Updates to the RaDIATE Collaboration from PNNL

Thursday, 29 June 2023 16:00 (30 minutes)

Since the last RaDIATE meeting in September 2022, PNNL has continued work on characterizing the samples from the BLIP irradiation experiment. Beryllium bend bar testing has been completed, titanium results have been organized, and SiC-coated graphite sample microscopy has been completed. Efforts regarding all three material investigations are at the point in which publication drafts are imminent. Planning for receipt of the HRMT60 samples is complete pending availability of the shipping container at CERN. Plans for continued work in titanium and beryllium microscopy as well as modeling of radiation damage in titanium alloys are in place, but funding for FY24 is currently sufficient for only one of these activities.

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