

Microwave and Millimeter-wave Cavity Research and Development at SLAC

Thursday, 27 August 2015 16:30 (30 minutes)

We present ongoing research and development in advanced microwave and millimeter-wave cavity design and fabrication at SLAC National Accelerator Laboratory. This research is primarily focused on improving the performance of accelerating structures with optimized cavity design for reducing breakdowns and increasing Q-factor, distributed coupling and improved fabrication with micro-machining and diffusion bonding. Future areas of interest will also be presented.

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Session Classification: Microwave Cavity Geometries - II