

Overview of SRF Cavity R&D at Jefferson Lab

Wednesday, 11 January 2017 16:15 (35 minutes)

A brief description of SRF cavity R&D activities at JLAB will be presented.

For several decades, Jefferson Lab has been engaged in small sample studies of superconducting film properties using deposition by energetic ion condensation.

Recently a program has been launched using this technique to energetically deposit films on copper cavity substrates for accelerator application, which will be discussed.

Primary author: Dr PHILLIPS, Larry (Jefferson National Lab)

Co-author: BURTON, Matthew (William and Mary, and JLAB)

Presenter: Dr PHILLIPS, Larry (Jefferson National Lab)