



Contribution ID: 303

Type: **Talk (preferred)**

Radio Frequency Breakdown Analysis at CERN's High Gradient Test Stands: a Machine Learning approach

Friday 16 December 2022 09:30 (15 minutes)

Shortcomings of Machine Learning methods for Breakdown prediction in High Gradient, Radio Frequency linear accelerating cavities have been identified. We consider improvements upon existing techniques to improve understanding of Breakdown phenomena, in collaboration with CERN.

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Session Classification: AIP: Nuclear and Particle Physics

Track Classification: AIP Congress: AIP: Nuclear and Particle Physics