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## Multipacting Breakdowns

*Friday 30 June 2023 14:30 (1 hour)*

The lecture "Multipactor and Breakdown" gives an introduction into the two main arcing phenomena encountered in high-power RF systems. The basic resonant character of multipactor and the role of secondary electron yield is shown. For vacuum breakdown, the lecture introduces how this is often observed in high-power systems followed by an overview of the main physical processes the lead up to the arc and determine its evolution.

**Presenter:** WUENSCH, Walter (CERN)