

## Evaluation of Kovar for buttons BPMs

*Tuesday, 24 March 2026 10:00 (15 minutes)*

As part of our current facility upgrade, we are developing Beam Position Monitors (BPMs) designed for integration into a copper vacuum chamber. Following the preliminary design phase, the manufacturer suggested utilizing Kovar as an alternative to stainless steel for the housing. This presentation aims to discuss the implications of this material shift with the community, supported by Opera simulation results regarding magnetic field interference and thermal performance.

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