# IPAC'24 - 15th International Particle Accelerator Conference



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# Novel materials for beam acceleration

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Bulk niobium is currently the standard material for constructing superconducting radio frequency (SRF) cavities for acceleration in particle accelerators. However, bulk niobium is limited, and new materials and surface treatments may allow greater performance to be reached. We present progress on novel materials and treatments for SRF cavity fabrication.

# Footnotes

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