

Abstract Submitted
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Superconducting Spoke Cavities for High-Velocity Applications

CHRISTOPHER HOPPER, JEAN DELAYEN, Old Dominion University — Low frequency, compact half-wave cavities, including spoke cavities, are typically designed for the low energy section of particle accelerators. The advantages these structures offer can also prove beneficial for the high-velocity section of accelerators designed for certain applications. In this talk, the basic electromagnetic design considerations and proposed applications will be presented.

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