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An Introduction to the Center for Bright Beams and its Research

Friday, 23 September 2022 11:20 (30 minutes)

The Center for Bright Beams (CBB) is a U. S. National Science Foundation Science and Technology Center with more than 10 participating institutions and includes participating universities and affiliated U.S. national laboratories. I'll give an introduction to the research scope of the center, which spans beam production via photocathodes, beam acceleration with superconducting radiofrequency cavities, and beam dynamics and control, where the latter spans multiple accelerator archetypes. I'll then have a brief discussion of how CBB's research fits into the global accelerator research community.

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Session Classification: Special Topic