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US-CERN Virtual Visits: Building Transcontinental Connections for High Energy Physics

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For nearly fifteen years, Virtual Visits at CERN have been bringing high-energy physics research directly to the public, through the use of videoconferencing systems at both ATLAS and CMS experimental sites. Over 30,000 people from all seven continents have participated in Virtual Visits to date, engaging students, teachers, artists, and general enthusiasts alike. While these connections often take place in science festivals or classrooms, the versatility of the medium allows the visit to be customized for any audience. In particular, Virtual Visit connections to the United States can integrate a population for which distance from the experiment may hinder education and awareness. Examples of such targeted audiences include US Congressional offices and other governmental institutions, to enhance dialogue about the benefits of global basic research, and historically underrepresented or underserved minority groups. Both the foundational work and future possibilities of US Virtual Visit connections is discussed.

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