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Recruiting a More Diverse Future for Accelerator Physics through Outreach

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Many physics students know that CERN and other large accelerator facilities are used as engines of science, but are unaware that accelerator physics itself offers scientifically exciting and lucrative careers. For accelerator physics to continue, it is important to recruit a larger and more diverse next generation of accelerator physicists. Students need to know that it is a scientifically intriguing path that they can pursue. Encouraging outreach and the creation of more opportunities for graduate and undergraduate students to gain experiences with accelerator physics, just like they can with other research fields (HEP, CMP, etc.), should be a goal for P5. Accelerator physics cannot hope to recruit and maintain a diverse next generation unless future physicists know that it is a viable and interesting career path.

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