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## The INFN-LNF Bruno Touschek Visitor Centre: a hub for public engagement activities

*Saturday, 9 July 2022 10:00 (15 minutes)*

The Bruno Touschek Visitor Centre is a permanent exhibition dedicated to the evolution of particle physics, playing a central role in the popularization of science initiatives conducted at INFN Frascati National Laboratory (LNF). The centre was conceived as a public engagement hub to involve people with the main discoveries and the latest developments in technology and research fields investigated by INFN. Since its opening in 2018, it has been the scene where researchers, citizens, students, teachers, policy makers and different stakeholders share the importance of the evolution of science and its applications.

In the itinerary path, the history of accelerator machines starting from AdA, the first storage ring accelerating matter and antimatter, designed and realized in Frascati, up to the future perspectives in particle acceleration, the development of particle detectors and the applications of research and technology-based outcomes in everyday life are presented. The exhibition features the exposition of instruments, interactive exhibits and immersive elements that will be described in this contribution. The centre is part of the LNF diffused museum that includes a Cockcroft-Walton accelerator, a section of the Adone storage ring, the KLOE experiment, lately enriched by a digital installation based on video mapping and NAUTILUS, a gravitational waves detector.

Close to the exhibition hall, it has recently been realized a laboratory, named EduLab, devoted to hands-on activities and science demonstrations addressed to pupils of Primary and Middle Schools.

The Bruno Touschek Visitor Centre and EduLab are hosting both formal and informal science education events, held either in person or virtually, providing, in this latter case, online resources that extend the accessibility of LNF outreach projects and enhance lifelong learning.

The Visitor Centre itinerary path, the related public engagement activities and their societal impact are here presented.

### In-person participation

Yes

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