

In collaboration with the Technical University of Kaunas (KTU) the CERN accelerator school is preparing its residential Introductory course for September 2022.

Introduction to Accelerator Physics



The collage features a grid of photos at the top showing various individuals. Below is a map of Lithuania with cartoon characters: a woman with glasses, a man with a beard pointing to a whiteboard with particle accelerator diagrams (CMS, LHC, ALICE, SPS, ATLAS, LHCb, PS, PS), a graduate with a cap, and a child with a cap. A red box on the map contains the text: **Victoria Hotel Kaunas**, **18 September – 1 October 2022**, **Kaunas, Lithuania**. A photo of Hotel Victoria Kaunas is shown in the bottom left. The text 'LITHUANIA' is written across the map. The Baltic Sea is labeled on the left. The cities Palanga, Klaipėda, Panevė, Jonava, Kaunas, Alytus, Varėna, and Vilnius are marked on the map. The number #3.2021 is in the bottom right corner.

The final decision on holding this course will be taken by July 2022. Hence present inscriptions are only a firm expression of interest. Payments and travel organization will be done after the confirmation date.

The Introductory CAS course represents the core teaching of all CAS courses and represents the ideal opportunity to be introduced into the field of particle accelerators. This course will be of interest to staff and students from laboratories and universities as well as from companies manufacturing accelerator equipment. The course will focus on various aspects of beam dynamics and it will provide an introduction to the underlying accelerator systems and technologies. Key topics will be consolidated through a series of discussion sessions and computer-based tutorials, while topical seminars will round up the program.



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