

In collaboration with Nikhef (National Institute for subatomic physics in the Netherlands) the CERN Accelerator school is organizing a topical course on:

# Mechanical Materials Engineering for Particle Accelerators and Detectors



**Hotel De Ruwenberg  
2 - 14 November 2020  
Sint-Michielsgestel,  
Netherlands**

For the first time in the history of the CERN Accelerator School, a course on Mechanical engineering is organized. The focus of the course will be to orient mechanical engineers from their general knowledge obtained during their past education to techniques and solutions, which are specific for accelerator applications. In the mornings, a complete lecture program is foreseen covering a wide range of mechanical engineering aspects. These lectures are complemented by a series of application reports in the field of accelerators. In the afternoons four blocks of so-called "hands-ON" experiments are foreseen, during which the students will be guided to do practical work including visits of professional companies close by.

Since a student without prior knowledge of mechanical engineering will not be able to follow the course, we have prepared a self-evaluation test on our website. We kindly ask every interested student to exercise this test and apply only for the course, if a sufficient high score is obtained in the test.



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