**CENTRE OF HIGH ENERGY PHYSICS AND ACCELERATOR TECHNOLOGIES**

**LATVIA**

On 25th July 2017 Scientific Council of Riga Technical University (RTU) endorsed creation of the “Centre of High Energy Physics and Accelerator Technologies” and its statute. Centre is independent and directly subordinated to the Vice Rector for Science.

The **main objective** of the Centre is **to develop multi-disciplinary research competence in the field of high-energy particle physics and accelerator technologies, by involving scientific and academic personal as well as students in the nuclear research sector projects**.

The principal **tasks** of the Centre are:

* To develop high energy particle physics science and research
* To promote involvement of scientific personnel and student involvement in fundamental research in the field of high energy physics
* To facilitate pedagogical, scientific and technical personnel competencies and capacity building in the field of high energy particle physics and related technologies
* To carry-out high energy particle physics teaching by involving foreign academic staff
* To coordinate and support development of technologies related to high energy particle physics and particle accelerators as well as involvement of pedagogical, scientific, technical personnel and students into scientific / technical groups, experiments and research projects
* In cooperation with CERN, to establish new inter-disciplinary particle physics study programme (including academic staff involvement from other Latvian universities and CERN). Said programme shall be founded in collaboration with equivalent foreign university programmes
* To design and carry-out the “Action Plan of the National Contact Point at CERN”
* To coordinate and ensure Latvia’s participation in *Compact Muon Solenoid* (CMS) experiment
* To coordinate and ensure RTU participation *Future Circular Collider* *Study* (FCC) project
* To coordinate and promote young Latvian scientist training and work at CERN
* To promote involvement of industry in high energy particle and accelerator technologies R&D
* To carry-out national and international research projects
* To organise collaboration with other RTU bodies, Latvian universities and research institutions, foreign universities and research organisations
* etc.