

Development of innovative solutions at the Wigner Research Centre for Physics

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The main mission of research institutes is to perform basic research activities discovering new features of Nature and to apply the obtained results, if it is possible, or as quickly as possible. However, in most of the cases, the researchers have capability to make the first steps into the direction of application, only, than they lose competence or interest. It is already a large step to prepare a patent from a discovery, reorganizing the new information into a way, where engineers and outsiders can continue the application and create new, innovative solutions. In the Wigner Research Centre for Physics we established a Technology Transfer Office consists of part time employees with different competence in innovation to help the R&D&I chain to exist. Furthermore, we are working on the foundation of a Business Innovation Centre to strengthen the connection between the research institute and the industrial partners. During this activity we continuously run into difficulties and any progress requests innovative solutions in Hungary. I will shortly summarize our plans and achievements, using our recent connection with the Tokyo University and professor Hiroyuki Tanaka, as a good example.