

## International FAIR - challenges and chances in modern physics and technologies

*Tuesday, 3 December 2013 15:20 (35 minutes)*

The Facility for Antiproton and Ion Research in Europe, FAIR, will provide worldwide unique accelerator and experimental facilities offering to scientists from the whole world an abundance of outstanding research opportunities, broader in scope than any other contemporary large-scale facility worldwide. Indeed, it is the largest basic research project on the roadmap of the European Strategy Forum of Research Infrastructures (ESFRI), and it is cornerstone of the European Research Area.

More than 2500 scientists will push the frontiers of our knowledge in hadron, nuclear, atomic and applied physics far ahead, with important implications also for other fields in science such as cosmology, astro- and particle physics, and technology.

This presentation outlines the current status of the FAIR project and the strategy of its realization based on the acquired funding.

Also the research program of FAIR with emphasis on particular physics issues of all four “scientific pillars” of the project will be presented.

Reference: [www.fair-center.eu](http://www.fair-center.eu)

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