China completes construction of steady high magnetic field facility

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China has completed construction of the Steady High Magnetic Field Facility, a project of China’s National 11th Five-Year Major Science and Technology Infrastructure constructed by High Magnetic Field Laboratory, Chinese Academy of Sciences (CHMFL). The project passed China’s national acceptance on Sep. 27th, 2017 in Hefei, Anhui.

The completion takes China's high magnetic field technology to a new level. The country now has the means for scientists to carry out frontier research on condensed matter physics, magnetism, material science, chemistry, life science and medicine.

"The successful testing of the Hefei Hybrid Magnet has placed China on the world map of international research in very high magnetic fields," said Hans Schneider Muntau, high field magnet expert and former chief engineer of the Grenoble High Magnetic Field Laboratory of France and the National High Magnetic Field Laboratory of the U.S.

"CHMFL summarizes 10 years of enormous and exemplary efforts under the groundbreaking leadership, which were necessary to create know-how and competence in the generation and exploitation of very high magnetic fields," Hans Schneider Muntau said.