

Project: Facility for Antiproton and Ion Research (FAIR)

Prof. Paolo Giubellino, Scientific Managing Director, GSI & FAIR

FAIR, the Universe in the Laboratory

Abstract:

- FAIR is one of the flagship facilities for basic science in the coming decades and will become operational around 2025. FAIR will open unprecedented research opportunities in hadron and nuclear and atomic physics, nuclear astrophysics as well as materials research, plasma physics and radiation biophysics. FAIR is under construction as an international facility at the campus of the GSI Research Center in Darmstadt, Germany. Some of the experimental detectors and instrumentation are already available and are used since summer 2018 in a dedicated research program. The progress of FAIR realization and the prospects of science at FAIR will be presented.

About the Speaker:

- Paolo Giubellino is an experimental Physicist working on High-Energy Nuclear Collisions. After six years leading the CERN ALICE experiment, he is since 2017 Scientific Managing Director of the GSI Helmholtz Center and of the FAIR international Laboratory, Germany and full Professor at TU Darmstadt. Author of over 300 scientific papers, he received several recognitions, among which two Doctor honoris causa, the title of Commendatore for scientific merits, the Medal of the Mexican Physical Society, the Fermi Prize, highest recognition of the Italian Physical Society and the Meitner Prize, highest recognition for Nuclear Physics of the European Physical Society.

