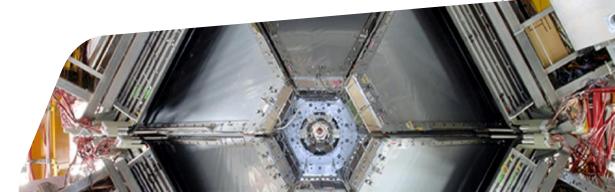






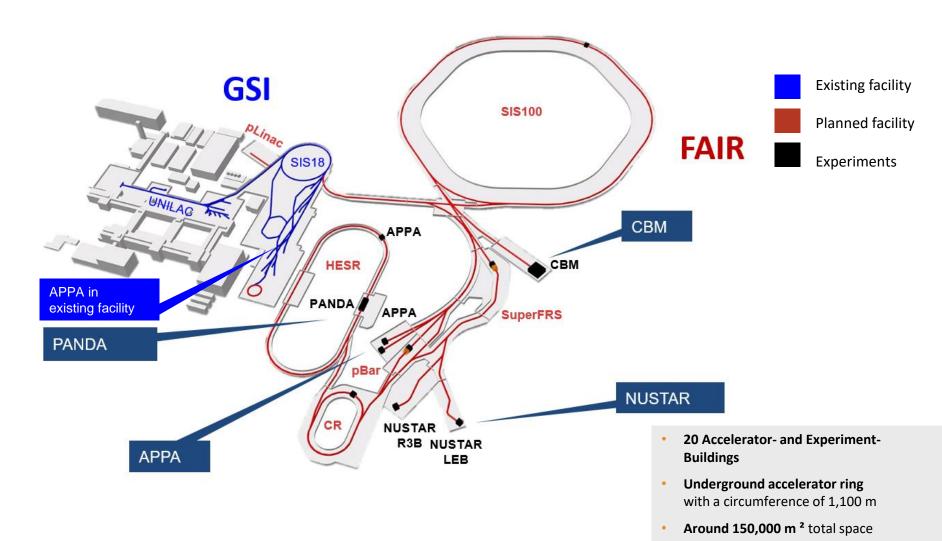
FAIR – Facility for Antiproton and Ion Research

- Unique particle accelerator facility for research with antiprotons and ions worldwide
- Matter as it occurs in the universe is first produced and researched in the laboratory
- Fundamental research and development of applications in materials research, radiation biology, aerospace, etc.
- Collaboration between several teams of top international researchers more than 3,000 scientists
- Different research programs in parallel with different ion varieties possible
- FAIR develops and uses the most innovative measurement methods and techniques



FAIR – The Facility



















FAIR Project Progress – Experiments



Experiment components are already used in FAIR Phase-0









FAIR First Science and Staging Review



- The international review panel has issued its report, which is publicly available in full on the FAIR website
- The scientific program of all four FAIR pillars is indicated as outstanding and in many cases world leading
- Given the financial constraints, a start configuration "First science +" (FS+) including SIS 100, SFRS with the High Energy cave and CBM is recommended
- In October 2022 FAIR Council decided to follow the recommendation of the review and pursue a stepwise realization starting with "First science +" (FS+), followed by the APPA cave, then the LEB and finally the rest of the CR, the HESR and the pLinac

