



XXIV QUARK MATTER DARMSTADT 2014

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Status of the FAIR Synchrotrons

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The unique facility for Antiproton and Ion Research –FAIR will deliver stable and rare isotope beams covering a huge range of intensities and beam energies. The construction of the modularized start version of FAIR has been started. Major civil construction measures, e.g. the site preparation and the drilling of the 60 m deep building foundations are presently being implemented. Procurement of components of the accelerator facilities with long production times has been launched and the design and set-up of the corresponding series test facilities at GSI and CERN are under preparation. The design and status of superconducting magnets, rf-systems, injection and extraction systems and beam diagnostics of the heavy-ion synchrotrons will be presented.

On behalf of collaboration:

None

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