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## Update on the Status of the Vacuum Systems of the FAIR Accelerator Complex

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The FAIR (Facility for Antiproton and Ion Research) accelerator complex is under construction at the GSI campus in Darmstadt in Germany. It consists of about 4 km of beam vacuum system, where the vacuum requirements are different for almost all machines. While in the fast ramped SIS100 one has to deal with cryogenic and room temperature operated sections with static vacuum pressure in the lower  $10^{-12}$  mbar regime, the 1.5km of high energy beam transfer system have moderate vacuum requirements of  $10^{-8}$  mbar. The high energy storage ring HESR, which will be built by the Research Center Jülich and Collector Ring CR, to be built by the Budker Institute of Nuclear Physics in Novosibirsk in Russia, will be operated in a pressure range of about  $10^{-10}$  to  $10^{-9}$  mbar. In the Super-FRS one has beside the moderate vacuum of  $10^{-6}$  mbar to  $10^{-8}$  mbar to cope with a high radiation area close to the target. As the construction and procurement has started an update on the status of vacuum system design and production will be presented.

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