



Science Week

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Plasma physics at FAIR using intense ion and laser beams

Wednesday, 25 April 2018 18:45 (20 minutes)

Intense beams of energetic heavy ions offer a novel path towards volumetric heating of dense millimeter-sized targets. In the APPA cave at the future FAIR facility these capabilities will be exploited to study matter at extreme conditions and dense strongly-coupled plasmas.

The talk will give a short introduction to the planned experimental facilities and platforms, as well as examples of experiments planned by the plasma physics collaboration. Also, activities within FAIR phase-0 in the next years will be reported.

Primary author: Dr NEUMAYER, Paul (GSI, Darmstadt)

Presenter: Dr NEUMAYER, Paul (GSI, Darmstadt)

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