

Status Report 2021 - 2024

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<https://docs.google.com/document/d/1-aHG37XSgEgGq6t5mZruFpYXf-Gy8GggucW9cmcwqVI/edit?usp=sharing>

7-8 pages : Understanding the properties of hadrons and their excitation spectrum -> PANDA, HADES, CBM + FAIR Phase-0 worldwide (Jim++)

10-11 pages : Establishing the QCD phase structure and understanding the microscopic properties of QCD matter at vanishing and high net baryon densities -> HADES, CBM, ALICE (Andrea, Ralf, Ilya, TG, Silvia, Joachim, Hannah++)

10-11 pages : Understanding nuclear structure, nuclear reactions, and superheavy elements as well as their relevance for nuclear astrophysics -> NUSTAR + Neutrino from Livia (Christoph++, kindly include Livia to the writing team)

1 page : Understanding the origin of the matter-antimatter asymmetry and testing fundamental symmetries -> EDM at COSY, ALPs with CASPEr (Jörg, Frank++)

1 page each from above : Theory

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