

Registration for the Spring-Meeting of the
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Recent results from PHENIX — ●OLIVER ZAUDTKE for the PHENIX collaboration — Institut für Kernphysik, Münster, Germany

Results of PHENIX accomplished in the first three years of operation are summarized in the PHENIX White Paper [1]. Since then new data have been analysed which provide a better understanding of the properties of the dense partonic matter produced at RHIC. In this talk an overview of new PHENIX results such as the nuclear modification factor for heavy quarks, flow of heavy quarks, thermal photons at low p_T and J/Ψ suppression is given. This will be followed by a more detailed description of π^0 , η and direct-photon production in $p+p$, $d+Au$, $Cu+Cu$ and $Au+Au$ at various center-of-mass energies.

[1] K. Adcox et al., Nucl. Phys. A757 (2005) 184

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