

## Recent results from the CERN NA60 experiment

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NA60 has measured dimuon production in In-In collisions at the CERN SPS at 158 GeV/nucleon, and in p-A at 158 and 400 GeV. Highlights from the results of NA60 include the first measurement of the rho spectral function in nuclear collision, the production of thermal muon pairs in the invariant mass region between the  $\phi$  and the  $J/\psi$ , and the study of the  $J/\psi$  suppression. In this talk we will concentrate on recent results, such as the polarization of the continuum excess, the comparison of  $\phi \rightarrow \mu\mu$  and  $\phi \rightarrow KK$  results (the phi puzzle) and in particular on the first measurement of cold nuclear matter effects on  $J/\psi$  production at 158 GeV and on the consequences for our understanding of the anomalous  $J/\psi$  suppression in nuclear collisions.

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