

DIS 2015 - XXIII. International Workshop on Deep-Inelastic Scattering and  
Related Subjects

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## Coherent Rho Meson Production in Neutrino Interaction

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New measurements of coherent  $\rho^0$  and  $\rho^+$  production in NOMAD are reported. We present simulation of neutrino induced coherent  $\rho$ -meson production in charged and neutral current interactions. Sensitivity studies of this process for next generation neutrino scattering experiments is presented.

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