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Status of JUNO - future neutrino oscillation experiment

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The Jiangmen Underground Neutrino Observatory (JUNO) is a multi-purpose underground experiment under construction in south China. With 20 ktons of liquid scintillator, it will be the largest detector of this type ever assembled. Its primary goals are the determination of the neutrino mass hierarchy, the precise measurement of neutrino oscillation parameters, and the investigation of other rare processes, which include but are not limited to solar neutrinos, geo-neutrinos, supernova neutrinos and the diffuse supernova neutrinos background. An overview and current status of the experiment will be presented in this talk.

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