

Conférence exceptionnelle Yifang Wang

Institute of High Energy Physics (IHEP, China)
CNRS Fellow-ambassador 2025-2027*



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Physics of Neutrinos: Portal to the Future of Particle Physics

Neutrinos are fundamental building blocks of matter, with a huge abundance in our Universe. Their tiny masses and too weak interactions with other particles make them extremely hard to be detected. Fortunately, they have a peculiar property called oscillation, namely, neutrinos can change flavors from one type to another during their flight. I will introduce what have been learnt from neutrino oscillation and our efforts at the Daya Bay and JUNO experiments, as well as our first results from JUNO recently. I will conclude by elaborating future prospects of JUNO and other neutrino experiments in the world.

Vendredi 3 juillet, 14h, amphithéâtre Dirac

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* <https://www.cnrs.fr/fr/actualite/neuf-nouveaux-fellow-ambassadeurs-au-cnrs>