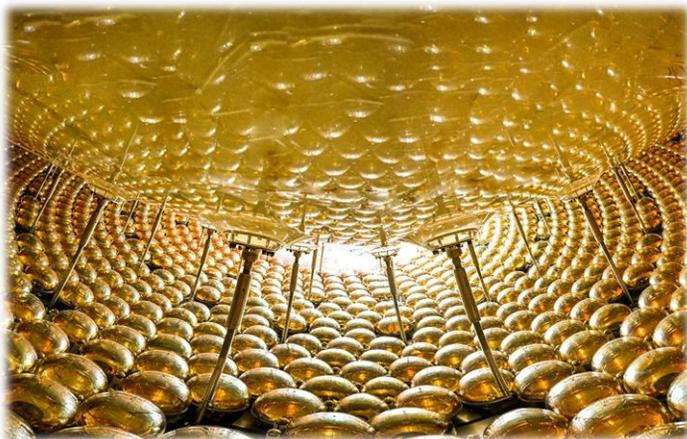
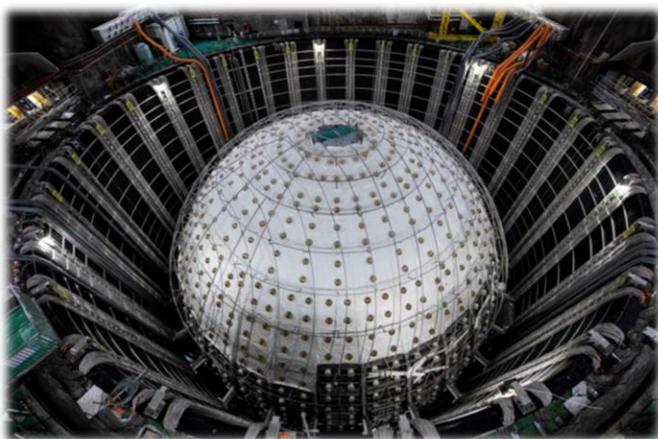


## Annuncio di Seminario

10 Marzo 2026 ore 13:00 – Aula Marchetti U1-07

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# Exploring neutrino oscillations with JUNO - from first data to new discoveries -



Speaker: Andrea Barresi (post-doc researcher at Milano-Bicocca)

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The JUNO experiment is a next-generation liquid scintillator detector designed to explore neutrino oscillations with unprecedented sensitivity and to address fundamental open questions in neutrino physics. Having officially started data taking in August 2025, JUNO has recently released its first experimental results, confirming the detector's excellent performance and marking the beginning of an ambitious physics program. In this seminar, I will review the current status of the experiment and present the first insights obtained from these early months of data. I will then discuss JUNO's vast discovery potential - both in neutrino oscillation physics and beyond - highlighting the wealth of exciting analysis work currently underway, with a particular emphasis on the leading research activities and future prospects at Milano-Bicocca. With the bulk of physics results expected over the coming years, the experiment offers a unique opportunity to contribute to the forefront of the field.

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All students and colleagues are welcome