

FABA Friday Special

Nobel Prize 2025 in Physics



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The Federation of Asian Biotech Associations (FABA) proudly highlights the 2025 **Nobel Prize in Physics** awarded to **John Clarke, Michel H. Devoret, and John M. Martinis** for their pioneering discoveries on macroscopic quantum mechanical tunneling and energy quantization in electric circuits.

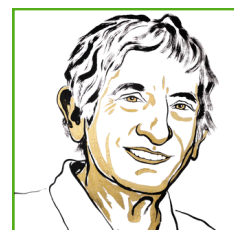
About the Laureates



Dr. John
Clarke



Dr. Michel H.
Devoret



John M.
Martinis

Their experiments demonstrated that the mysterious behaviors of quantum physics—such as tunneling through barriers and discrete (quantized) energy levels—can manifest in electronic circuits large enough to hold in the hand. By building a circuit of superconductors separated by a Josephson junction, they showed how quantum mechanics can govern even macroscopic systems, paving the way for today's quantum computers, quantum cryptography, and quantum sensors.



Dr. S. Venkataraman,
Ph.D(Physics)

Featured Speaker: Dr. S. Venkataraman, Director, CRRao AIMSCS

A renowned physicist and educator specializing in quantum technologies will deliver insights into the significance of this award and the ongoing revolution in quantum science. He specializes in Cyber Security, Image & Video Processing, and Artificial Intelligence & Machine Learning (AI & ML).

Join us in celebrating this remarkable achievement that impacts millions worldwide

Friday, 24th October, 5 PM

Live on Zoom



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