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Celebrating 60 Years of TÜBİTAK

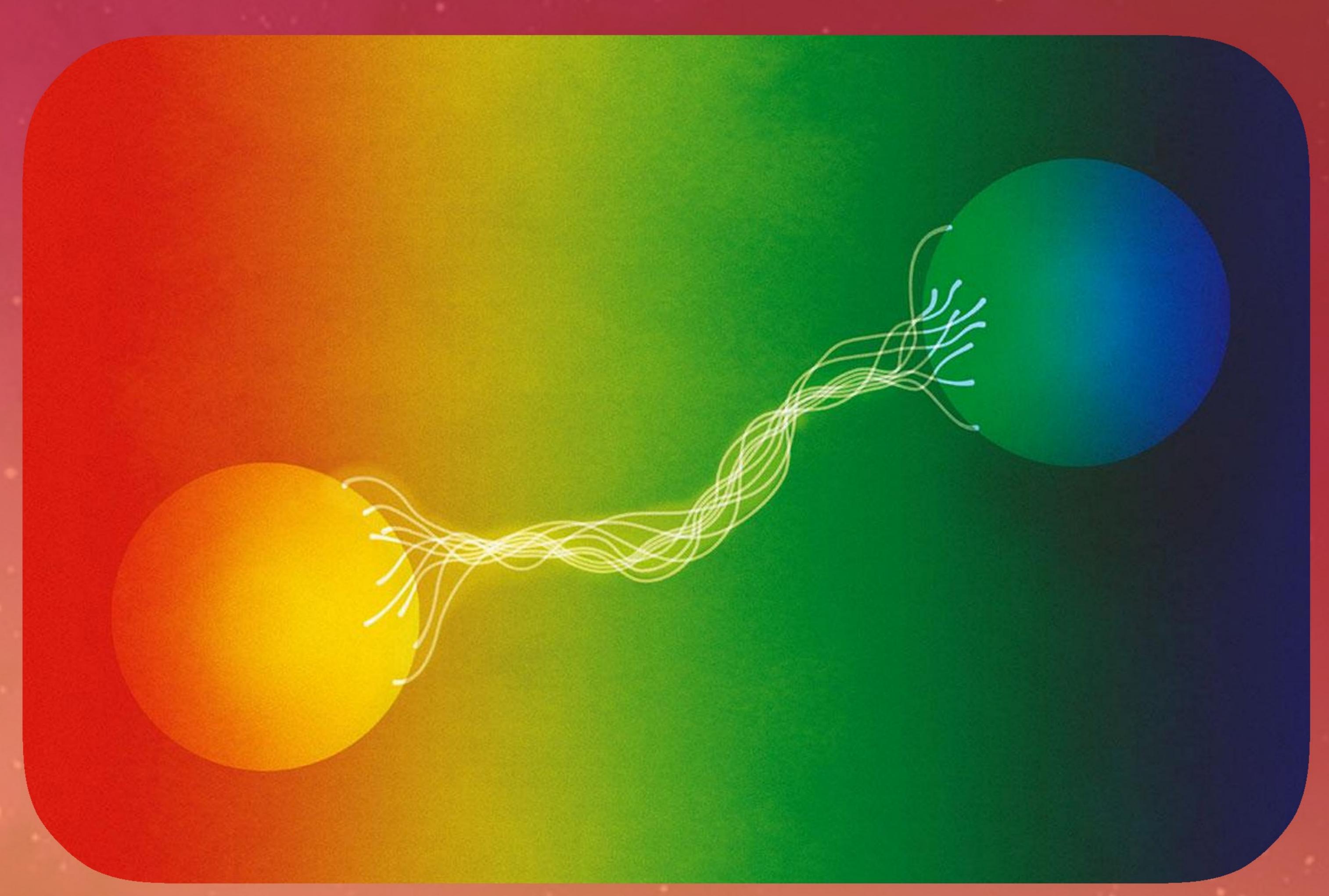
## Scientific Türkiye: Public Lecture Series Could Quantum Mechanics Make Technology and Our Life Better?

July 25 2023, 14:00 - 15:00 (GMT +3), Gebze, TÜRKİYE



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Credit: J. Jarnestad/The Royal Swedish Academy of Sciences

The mysterious features of basic quantum theory such as entanglement are getting more and more often used by optical engineers to design useful devices that outperform their classical counterparts. Novel quantum technical solutions promise to revolutionize multiple areas of modern technology and make various aspects of our life better. Quantum communication and super-resolution quantum sensing are two major areas that are currently experience a very extensive development all over the World. The recent 2022 Nobel Prize awarded for the experimental discovery and demonstration of major features of optical entanglement is a clear sign that this is a key area of future science and technology development.

Organizer: Alikram Nuhbalaoğlu (Director of TÜBİTAK TBAE)

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