

Session Program

Jul 8 - 12, 2025

BPU 12 Congress

Quantum Physics, Information and Communication

Politechnica Univ
Splaiul Independenței 313, București 060042

Wed, July 9

3:00 PM

Quantum Physics, Information and Communication

Session | Location: Politechnica Univ, Splaiul Independenței 313, București 060042

3:00 – 3:30 PM **Probing and Controlling Many-Body Quantum Dynamics and Chaos**

Speaker

Klaus Richter

3:30 – 4:00 PM **Quantum Dynamics in Multiple Quantum Dots Systems**

Speaker

Mihai Macovei

4:00 – 4:10 PM **Secure quantum teleportation of a squeezed thermal state**

Speaker

Marina Cuzminschi

4:10 – 4:20 PM **Optical control of single-mode phonons via artificial atoms**

Speaker

Dr Victor Ceban

4:20 – 4:30 PM **Dynamics of strongly coupled harmonic oscillators in Gaussian noisy channels**

Speaker

Tatiana Mihaescu

4:30 – 4:40 PM **Environment-assisted generation of quantum correlations in open quantum systems**

Speaker

Alina-Alexandra Stoica

4:40 – 4:50 PM **Werner states in non inertial frames**

Speaker

Madalin Calamanciuc

4:50 – 5:00 PM **Quantum entanglement of two bosonic modes in de Sitter space**

Speaker

Aurelian Isar

5:00 PM