

Monday 3<sup>rd</sup> February 2025  
Conference Hall: SALA TERME, Via Stelvio, 14 Bormio

**SYMPOSIUM on Resonances and related topics**

*"On the occasion of Angela Bracco farewell from Milano University"*

**9:00 Opening**

Chair: Maria Borge

9.10: Muhsin Harakeh (University of Groningen)

*Progress in the study of electric giant and pygmy resonances over the last five decades*

9.50: Adam Maj (Krakow University)

*Electric Dipole Oscillations at Finite Temperature from the perspective of my longstanding collaboration with Angela*

**10.30: Coffee Break**

Chair: Dario Vretenar

11:00 Edoardo Lanza (INFN Catania)

*The Pygmy Dipole Resonance*

11.40: Elena Litvinova (Western Michigan University)

*Theory updates on nuclear resonances: giant and pygmy, cold and hot, classical and quantum*

**12.20: Lunch Break**

Chair: Alison Bruce

15:00 Mark Spieker (Florida State University)

*Experimental studies of the microscopic structure of the pygmy dipole resonance*

15:40 Magne Guttormsen (University of Oslo)

*Quasi-continuum M1 strength as function of nuclear deformation*

16.20: Francisco Barranco Paulano (Sevilla University)

*Particle-Vibration Coupling and Pairing Correlations*

**17:00 Coffee Break**

Chair: Klaus Blaum

17.30: Peter Von Neumann Cosel (Technical University Darmstadt)

*Angela and the Electric Dipole Response – Giant and Pygmy, Hot and Cold*

18.10: Calin Ur (Horia Hulubei National Institute)

*Nuclear Physics with Extreme Light*