



# In memory of Antun Balaž - insights into complex systems

## Thursday 11 June 2026

### Ultracold atoms session - "Zvonko Marić" lecture hall (14:30-18:30)

-Conveners: Axel Pelster; Brana Jelenković

time	[id] title	presenter
14:30	[9] The quantum age: from atoms and photons to quantum computers	Prof. VULETIĆ, Vladan
15:00	[10] Photons in a dye-filled cavity: quantum-optical system interpolating between Bose-Einstein condensates and laser-like states	Dr RADONJIĆ, Milan
15:30	[11] Unconventional topological phases in some lattices	Prof. BULJAN, Hrvoje
16:00	Coffee break	
16:30	[30] A universal speed limit for spreading of coherence	Prof. HADŽIBABIĆ, Zoran
17:00	[12] Pattern-forming instabilities in BECs: An homage to Antun Balaž	Dr NICOLIN-ŽACZEK, Alexandru
17:30	[13] Mach-Zehnder interferometer for in-situ characterization of atom traps	Dr EFREMOV, Maxim
18:00	[15] Solitons on the surface of a sphere	Dr WOLF, Alexander