

## MEETINGS IN PHYSICS 2011 – PROGRAM

THURSDAY 24.02.2011 (A415)

- 9.30 - 9.45 **Opening**  
Chairman: M. Abrashev
- 9.45 - 10.00 Anna Krasteva, Coherent population trapping resonances in cells with micrometric and centimetric thicknesses filled with Cs vapor
- 10.00 - 10.15 Boryana Markova, Are the surface conditions “responsible” for the difference in lightning activity over land and sea?
- 10.15 - 10.30 Doycho Karagyozev, Study of the influence of nuclear quadrupole moments on the transitional matrix elements in the coulomb excitation reaction  $^{12}\text{C}(^{94}\text{Mo};^{94}\text{Mo}^*)$
- 10.30 - 10.45 G. Maleshkov, Four-wave mixing of optical vortex beams
- 10.45 - 11.00 Krasimira Yankova, Глобално движение на адвективните пръстени
- 11.00 - 11.15 N. Dimitrov, Tuning femtosecond laser pulses and their correct autocorrelation measurement
- 11.15 - 11.30 Rositsa Topchiyska, Search for nuclear interference in the Coulomb excitation reaction  $^{12}\text{C}(^{138}\text{Ce}, ^{138}\text{Ce}^*)$  at 480 MeV
- 11.30 - 11.45 Veneta Todorova, Analysis of the Annual and Monthly Average Air Temperature and Rainfall Trends in Meteorological Stations Ahtopol, Burgas and Varna for the period of 1950 – 2009
- 11.45 - 12.00 Ventsislav Danchevski, The influence of ground-level ozone on air quality and the ecosystems in the Sofia-Plana region.
- 12.00 - 12.15 Viktor Gushterov, Discussion about the effects of Mössbauer source line broadening