



## CURRICULUM VITAE

### Personal Details

**Name, Surname:** Mircea Moldovan

**Institutional Email:** mircea.moldovan@umfst.ro

**Academic Title:** Lecturer, MD, PhD

**Department:** Biophysics, Biotechnology, Medical Physics, M1

### Professional Activity

**Specialty:** Physics

**Medical Unit/Hospital:** -

### Research Activity

**Research Interest (max. 3 areas of interest):** theoretical, atomic and computational physics

**ORCID number:** 0000-0001-7700-2571

**Published Articles (max. 5 representative papers):**

Costescu, A & Karim, K & **Moldovan, Mi** & Spanulescu, S. & Stoica, C. (2011). Rayleigh scattering of x-ray and  $\gamma$ -ray by 1s and 2s electrons in ions and neutral atoms. Journal of Physics B: Atomic, Molecular and Optical Physics. 44. 045204. 10.1088/0953-4075/44/4/045204.

Costescu, A. & **Moldovan, M** & Spanulescu, S. & Stoica, C. (2011). Elastic photon scattering and photoeffect by K-shell electrons in neutral atoms. Romanian Reports in Physics. 63. 782-794.

Spanulescu, S. & **Moldovan, M.** (2009). Effects of a Supplementary Quadrature in the Collocation Method for Solving the Hartree Fock Equations in Ab-initio calculations. WSEAS Transactions on Mathematics. 8.

