

## NTAA07 Program for Wednesday, August 15

10:00 – 11:00	<b>Cem Özen:</b> <i>“Introduction to shell-model Monte-Carlo methods”</i>
11:00 – 11:30	coffee break
11:30 – 12:30	<b>Valentin Nesterenko:</b> <i>“Density functional methods: from nuclei and nanosystems to astrophysics”</i>
12:30 – 13:30	<b>Dmitrij Nadyozhin:</b> <i>“Neutrino-induced nucleosynthesis in supernovae”</i>
13:30 – 15:30	lunch break
15:30 – 16:30	<b>Gennadi Bisnovaty-Kogan:</b> <i>“Magnetic fields of neutron stars”</i>
16:30 – 17:00	coffee break
17:00 – 18:00	<p style="text-align: center;">Participant Contributions:</p> <ol style="list-style-type: none"> <li>1. <b>A. Malykh</b> <i>“Three alpha-cluster description of <math>^{12}\text{C}</math> nucleus”</i></li> <li>2. <b>V. Sargsyan</b> <i>“Coordinate dependent diffusion coefficients and decay rate from potential well”</i></li> <li>3. <b>A. Zubov</b></li> </ol>
18:00 – 19:00	<p style="text-align: center;">Problem Solving VIII A – <b>Valentin Nesterenko</b> <i>“Dipole modes in various systems: nuclei, atomic clusters, Bose-Einstein condensate”</i></p> <hr/> <p style="text-align: center;">Problem Solving VIII B – <b>Gennadi Bisnovaty-Kogan</b></p>

The Problem Solving seminars will be held:

A: in the Conference Hall

B: in the Blokhintsev’s Hall (4<sup>th</sup> floor, end of the corridor)