



**PRESENTATIONS AT INTERNATIONAL CONFERENCES
- 2010 -**

1. N. Pavel, M. Tsunekane, and T. Taira, "Passively Q-switched Nd:YAG/Cr⁴⁺:YAG Laser with a Volume Bragg Gratings Output Coupler," Advanced Solid-State Photonics (ASSP) Conference, January 31 - February 3, 2010, San Diego, USA, presentation AWB18.
2. N. Pavel, M. Tsunekane, and T. Taira, "Diode-Pumped Passively Q-switched Nd:YAG/Cr⁴⁺:YAG Laser Controlled by Volume Bragg Gratings," CLEO/QELS 2010: Laser Science to Photonic Applications Conference, May 16-21, 2010, San Jose, California, USA, presentation JTuD117.
3. G. Salamu, F. Voicu, A. Leca, O. Sandu, N. Pavel, T. Dascalu, M. Dejanu, D. Popa, and S. Parlac, "Characteristics of methane-air combustion measured by Schlieren method," International Student Workshop on Laser Applications ISWLA 2010, May 25-28, 2010, Bran, Romania, presentation P24.
4. M. Mernea, O. Calborean, L. Petrescu, A. Leca, T. Dascalu, and D. Mihailescu, "Protein association investigated by THz spectroscopy and molecular modeling," International Conference on Laser Applications in Life Sciences, 9-11 June 2010, Oulu, Finland, presentation 116.
5. T. Dascalu, A. Leca, M. Mernea, O. Calborean and D. Mihailescu, "THz spectroscopy and molecular modeling of large proteins," International Conference on Laser Applications in Life Sciences, 9-11 June 2010, Oulu, Finland, presentation 113.
6. N. Pavel, M. Tsunekane, and T. Taira, "Passively Q-switched Nd:YAG/Cr⁴⁺:YAG Laser with Enhanced Performances and Wavelength Tuning by a Volume Bragg Gratings," 4th EPS-QEOD EUROPHOTON Conference, August 29 - September 3, 2010, Hamburg, Germany, presentation TuP1.
7. V. Lupei, A. Lupei, A. Ikesue, and C. Gheorghe, "Comparative study of Nd→Yb transfer in oxide ceramics," 4th EPS-QEOD EUROPHOTON Conference, August 29 - September 3, 2010, Hamburg, Germany, presentation TuP6.
8. G. Marinescu, A.M. Madalan, A. Vezeanu, M. Andruh, and C. Tiseanu, "New coordination polymers constructed from binuclear phenoxo-bridged [Zn₂] tectons," The 14th International Conference of Physical Chemistry, ROMPHYSICHEM 14, June 2-4 2010, Bucharest, Romania.
9. T.D. Pasatoiu, A.M. Madalan, C. Tiseanu, and M. Andruh, "First SmIII Complex Exhibiting Two-Photon Induced Fluorescent Emission," 7th International Conference of the Chemical Societies of the South-Eastern European Countries on "Chemistry - Beauty and Application", September 15-17, 2010, Bucharest, Romania.
10. G. Marinescu, A.M. Madalan, M. Andruh, and C. Tiseanu, "Structures and photophysical properties of d10-metal coordination polymers based on the Schiff-base ligands," 7th International Conference of the Chemical Societies of the South-Eastern European Countries on "Chemistry-Beauty and Application", Bucharest, Romania, September 15-17, 2010.