



**PRESENTATIONS AT INTERNATIONAL CONFERENCES
- 2007 -**

1. N. Pavel, K. Lünstedt, K. Petermann, G. Huber, "Continuous-wave high power green generation by intracavity frequency doubling of Nd-based thin-disk lasers," CLEO/Europe-IQEC 2007 Conference, June 17-22, Munich, Germany; presentation CA4-4-TUE.
2. N. Pavel, K. Lünstedt, K. Petermann, G. Huber, "Simultaneous dual-wavelength emission on the ${}^4F_{3/2} \rightarrow {}^4I_{9/2}$ and ${}^4F_{3/2} \rightarrow {}^4I_{11/2}$ transitions employing Nd-based thin-disk lasers," CLEO/Europe-IQEC 2007 Conference, June 17-22, Munich, Germany; presentation CA-4-MON.
3. T. Dascalu, Y. Oishi, M. Tsunekane, K. Midorikawa, T. Taira, "Thermally induced birefringence in edge-pumped microchip Yb:YAG ceramic," CLEO/Europe-IQEC 2007 Conference, June 17-22, Munich, Germany; presentation CA-32-MON.
4. N. Pavel, K. Lünstedt, K. Petermann, G. Huber, "Nd-vanadate thin-disk lasers under diode pumping into the ${}^4F_{5/2}$ and ${}^4F_{3/2}$ levels," CLEO/QELS 2007 Conference, May 6-11, Baltimore, Maryland, USA; presentation JWA90.
5. V. Lupei, "Ceramic laser materials and the prospect for high power lasers," (invited lecture), 3rd Int. Conf. on Laser Ceramics, Paris (2007).
6. C. Tiseanu, M. Kumke, V. Parvulescu, B. Gagea, J. Martens, "Comparative time-resolved luminescence studies of Tb-ZSM-5 and Tb-MFI mesoporous materials," 5th IMMS International Mesostructured Materials Symposium, Sanghai, China, 5 - 7 August 2007.
7. C. Tiseanu, A. Gessner, M. Kumke, B. Gagea, V. Parvulescu, "Luminescence spectra and dynamics of lanthanides doped microporous- mesoporous materials", 16th International Conference on Dynamical Processes in Excited States of Solids, Segovia, Spain, June 17 - 22, 2007.
8. C. Tiseanu, V. Lorenz-Fonfria, A. Gessner, M. U. Kumke, "Comparative study of terbium-exchanged zeolites functionalized with alkoxysilanes," International Conference on Optical, Optoelectronic and Photonic Materials and Applications, London, England, 30 July - 03 August, 2007.
9. A. Gessner, M. U. Kumke, C. Tiseanu, "Luminescence properties of lanthanide's doped MFI-type materials," The Bunsen Conference, Graz, Austria, 17 - 19 May, 2007.
10. A. Gessner, M. U. Kumke, C. Tiseanu, "Luminescence properties of lanthanide's doped MFI-type materials," ICP2007 - XXIII International Conference on Photochemistry, Cologne, Germany, 29 July - 3 August, 2007.
11. S. Georgescu, O. Toma, A. M. Chinie, L. Gheorghe, A. Achim, A. S. Stefan, "Excited state dynamics of Eu^{3+} in the partially disordered crystals $\text{La}_3\text{Ga}_5\text{SiO}_{14}$ and $\text{La}_3\text{Ga}_{5.5}\text{Ta}_{0.5}\text{O}_{14}$," 16th International Conference on Dynamical Processes in Excited States of Solids, Segovia, Spain, June 17 - 22, 2007.
12. V. Lupei, A. Lupei, C. Gheorghe, A. Ikesue, "Spectroscopic characteristics of Tm^{3+} in Tm and Tm, Nd, Yb:Sc₂O₃ ceramic," 16th International Conference on Dynamical Processes in Excited States of Solids, Segovia, Spain, June 17 - 22, 2007.
13. A. Lupei, V. lupei, C. Gheorghe, A. Ikesue, "Excited states dynamics of Er^{3+} in Sc₂O₃ ceramic," 16th International Conference on Dynamical Processes in Excited States of Solids, Segovia, Spain, June 17-22, 2007.
14. V. Lupei, A. Lupei, C. Gheorghe, A. Ikesue, "Comparative high-resolution spectroscopy and emission dynamics of Nd-doped GSGG crystals and transparent ceramics", 16th International Conference on Dynamical Processes in Excited States of Solids, Segovia, Spain, June 17 - 22, 2007.



15. I. Mateescu, F. Krispel, S. Georgescu, K. Scott, E. Borca, "Comparative study of the mass-loading effect on electrical parameters of gallium phosphate, quartz and langasite resonators," 2007 Joint Meeting of the European Frequency and Time Forum EFTF and the IEEE International Frequency Control Symposium IEEE-FCS, 29 May - 1 June 2007, Geneva, Switzerland.
16. I. Mateescu, S. Georgescu, S. Sakharov, C. Ghita, "The investigation of the mass-loading influence on electrical parameters of Y-cut LGT resonators", Materials 2007, 1 - 4 April 2007, Porto, Portugalia.
17. I. Mateescu, S. Georgescu, K. Scott, F. Krispel, S. Sakharov, "Comparative study of the mass-loading influence on the characteristics of quartz, langasite, langatate, and gallium phosphate resonators," 2007 International Congress on Ultrasonics, 9 - 12 April 2007, Viena, Austria.
18. M. N. Grecu, S. Constantinescu, S. Georgescu, A. M. Chinie, P. Pascuta, E. Culea, "Spectroscopic studies of rare-earth ions in germanium / bor - bismuthate glasses," XIV International Conference on Hyperfine Interactions ICAME 2007, Kanpur, India, October 14 - 19, 2007.
19. T. Dascalu, (Invited Lecture), "High Power Microchip Solid State Laser," The First International Conference on Industrial Applications of Lasers, INDLAS, 2007, May 23 - 25, Bran, Romania.
20. C. Petre, N. Vasile, N. Pavel, T. Dascalu, "Continuous-wave diode end-pumped Nd:YAG and Nd:GdVO₄ lasers passively Q-switched by Cr⁴⁺:YAG. Comparative study for industrial applications," The First International Conference on Industrial Applications of Lasers, INDLAS 2007, May 23 - 25, Bran, Romania.
21. N. Pavel, V. Lupei, "High-power continuous wave Nd lasers under diode pumping directly in the ⁴F_{3/2} emitting level," The First International Conference on Industrial Applications of Lasers, INDLAS 2007, May 23 - 25, Bran, Romania.
22. S. Georgescu, O. Toma, "Infrared and visible laser transitions in erbium-doped crystals," The First International Conference on Industrial Applications of Lasers, INDLAS, 2007, May 23 - 25, Bran, Romania.
23. L. Gheorghe, A. Achim, V. Lupei, A. Lupei, C. Gheorghe, C. Stoicescu, "Growth and spectral characterization of SrWO₄:Nd³⁺ nonlinear Raman active crystal," The First International Conference on Industrial Applications of Lasers, INDLAS, 2007, May 23 - 25, Bran, Romania.