



PRESENTATIONS AT INTERNATIONAL CONFERENCES

- 2013 -

1. N. Pavel, T. Dascalu, G. Salamu, and O. Grigore, "Novel geometry for compact, diode-pumped solid-state lasers," Laser Ignition Conference '13, 23-25 April 2013, Yokohama, Japan, presentation LIC4-2 (oral presentation).
2. T. Dascalu, G. Salamu, N. Pavel, O. Grigore, and F. Voicu, "Compact 'prism-by side-pumped' solid-state laser," CLEO Europe - EQEC 2013 Conference, 12-16 May 2013, München, Germany, presentation CA-9.5 (oral presentation).
3. G. Salamu, F. Voicu, N. Pavel, T. Dascalu, F. Jipa, and M. Zamfirescu, "Diode-pumped laser emission in femtosecond-laser inscribed Nd:YAG waveguides," International Conference "Modern Laser Applications" Third Edition, INDLAS 2013, 20-24 May 2013, Bran, Romania, presentation O1 (oral presentation).
4. A. M. Voiculescu, S. Georgescu, C. Matei, A. Stefan, O. Toma, and S. Nastase, "Synthesis and characterization of Europium-doped nano Langasite," 3rd International Conference on RARE EARTH MATERIALS (REMAT) Advances in Synthesis, Studies and Applications, 26-28 April 2013, Wroclaw, Poland (poster presentation).
5. C. Gheorghe, A. Lupei, F. Voicu, and C. Tiseanu, "Sm³⁺ Emission from different sites in Lu₂O₃ Ceramics," 3rd International Conference on RARE EARTH MATERIALS (REMAT) Advances in Synthesis, Studies and Applications, 26-28 April 2013, Wroclaw, Poland (poster presentation).
6. C. Matei, S. Georgescu, A. M. Voiculescu, A. Stefan, and R. Birjega, "Synthesis by solid state reaction and luminescence properties of langanite doped with Tm³⁺ and Yb³⁺," International Conference "MODERN LASER APPLICATIONS" Third Edition, INDLAS 2013, 20-24 May 2013 Bran, Romania, poster presentation - P2.
7. A. M. Voiculescu, S. Georgescu, C. Matei, A. Stefan, and R. Birjega, "Upconversion luminescence properties of La₃Ga_{5.5}Ta_{0.5}O₁₄ doped with Yb and Tm," International Conference "MODERN LASER APPLICATIONS" Third Edition, INDLAS 2013, 20-24 May 2013 Bran, Romania, poster presentation - P5.
8. F. Voicu, A. Lupei, C. Gheorghe, C. Luculescu and M. Dumitru, "Sm³⁺ doped YAG and sesquioxides translucent ceramics," International Conference "Modern Laser Applications" Third Edition, INDLAS 2013, 20-24 May 2013, Bran, Romania, presentation O11 (oral presentation).
9. A. Achim, L. Gheorghe, G. Stanciu, and F. Voicu, "Efficient second harmonic generation of blue-violet light in type-I noncritical phase matching," International Conference "Modern Laser Applications" Third Edition, INDLAS 2013, 20-24 May 2013, Bran, Romania, presentation P3 (poster presentation).
10. C. A. Brandus, F. Voicu, L. Gheorghe, and T. Dascalu "Laser emission at 1061 nm in a diode-pumped Nd:GdLuCOB laser," International Conference "Modern Laser Applications" Third Edition, INDLAS 2013, 20-24 May 2013, Bran, Romania, presentation O10 (oral presentation).
11. A. M. Voiculescu, S. Georgescu, C. Matei, A. Stefan, O. Toma, F. Voicu, and R. Birjega, "Synthesis and characterization of La₃Ga_{5.5}Ta_{0.5}O₁₄ doped with Yb and Tm for upconversion luminescence," Materials, Methods & Technologies, 15th Int. Symposium, 10-14 June 2013, Sunny Beach, Bulgaria, poster presentation - P66.
12. C. Matei, S. Georgescu, A. M. Voiculescu, F. Voicu, and R. Birjega, "Upconversion luminescence of Tm, Yb - doped langanite ceramic synthesized by solid state reaction", Materials, Methods & Technologies, 15th International Symposium, 10-14 June 2013, Sunny Beach, Bulgaria, poster presentation - P67.



13. N. Pavel, G. Salamu, and T. Dascalu, "Passively Q-switched Nd:YAG/Cr⁴⁺:YAG lasers for ignition of an automobile engine," The 13th International Balkan Workshop on Applied Physics, 4-6 July 2013, Constanta, Romania, presentation S5-L01, Book of Abstracts p. 116 (invited presentation).
14. C. Matei, S. Georgescu, A.M. Voiculescu, and A. Stefan, "Blue upconversion luminescence in Langanite and Langatate doped with Tm and Yb," The 13th International Balkan Workshop on Applied Physics, 4-6 July 2013, Constanta, Romania, poster presentation S1-P01, Book of Abstracts, p. 47.
15. A.M. Voiculescu, S. Georgescu, C. Matei, A. Stefan, and S. Nastase, "Upconversion processes in Langasite nanopowders doped with Thulium and Ytterbium," The 13th International Balkan Workshop on Applied Physics, 4-6 July 2013, Constanta, Romania, poster presentation S1-P02, Book of Abstracts, pages 47-48.
16. N. Pavel, G. Salamu, and O. Grigore, "Passively Q-switched Nd:YAG/Cr⁴⁺:YAG lasers with high peak power," LPHYS'13: 22nd International Laser Physics Workshop, 15-19 July 2013, Prague, Czech Republic, presentation 4.1.2 (oral presentation).
17. N. Pavel, G. Salamu, F. Voicu, F. Jipa, and M. Zamfirescu, "Femtosecond-laser inscribed Nd:YAG waveguides. Realization and laser emission," LPHYS'13: 22nd International Laser Physics Workshop, 15-19 July 2013, Prague, Czech Republic, presentation 4.1.3 (oral presentation).
18. O. Grigore, R. Ungureanu, G. Cojocar, R. Banici, N. Pavel, and T. Dascalu, "THz Wave Generation From a Two Color Plasma Filament," IV International School and Conference on Photonics 26-30 August 2013, Belgrade, Serbia PHOTONICA '13, presentation B11; poster presentation (<http://www.photonica.ac.rs/UserFiles/ParticipantsAndTitlesContributions.pdf>).
19. C. A. Brandus, L. Gheorghe, and T. Dascalu, "Infrared laser emission in a compact CW and quasi-CW diode pumped Nd³⁺:GdLuCOB laser," International Conference on Advanced Optoelectronics and Laser, CAOL 2013, September 9 - 13, 2013, Sudak, Crimea, Ukraine (oral presentation).
20. A. Lupei, V. Lupei, C. Gheorghe, A. Ikesue, and F. Voicu, "Thermal effects on Sm³⁺ doped ceramic laser materials for ASE suppression," Advanced Solid State Lasers (ASSL) Congress, 27 October - 1 November 2013, Paris, France, presentation AM4A.02 (poster presentation).
21. V. Lupei, "Selfquenching of Emission and Heat Generation in Nd Lasers - Revisited," Advanced Solid State Lasers (ASSL) Congress, 27 October - 1 November 2013, Paris, France, presentation AM4A.13 (poster presentation).
22. N. Pavel, G. Salamu, F. Jipa, and M. Zamfirescu, "Laser emission from diode-pumped Nd:YAG waveguides, realized by direct femtosecond-laser writing technique," Advanced Solid State Lasers (ASSL) Congress, 27 October - 1 November 2013, Paris, France, presentation ATu2A.6 (oral presentation).
23. V. Lupei, A. Lupei, C. Gheorghe, and A. Ikesue, "Sensitization processes of Nd³⁺ and Yb³⁺ doped YAG ceramics for broadband pumped lasers," 9th Laser Ceramics Symposium (LCS), Dec. 2-6, 2013, Daejeon, Korea (invited presentation).
24. V. Lupei, A. Lupei, C. Gheorghe, A. Ikesue, and F. Voicu, "Suppression of Nd and Yb ASE by Sm absorption in ceramics," 9th Laser Ceramics Symposium (LCS), Dec. 2-6, 2013, Daejeon, Korea (poster presentation).
25. A. Achim, L. Gheorghe and G. Stanciu, "Visible and near UV light production by type-I non-critical phase matching second harmonic generation in Y_{1-x}R_xCa₄O(BO₃)₃ (R = Lu, Sc): crystal growth and nonlinear characterization," Physics Conference TIM-13, 21-24 November, Timisoara, Romania (poster presentation).
26. L. Gheorghe, A. Achim, G. Stanciu, F. Voicu, P. Loiseau and G. Aka, "Development of new nonlinear optical crystals for the design of laser devices emitting in the visible and ultraviolet," 17th International Conference on Crystal Growth and Epitaxy, ICCGE-17, 11-16 August 2013, Warsaw, Poland. Scientific Program and Book of Abstracts, ISBN 83-89585-36-7, p. 430 (oral presentation).