



PRESENTATIONS AT INTERNATIONAL CONFERENCES

- 2020 -

1. A. Craciun and T. Dascalu, "Generation of cylindrical vector beams with adjustable diffraction pattern in the focal plane," in Conference on Lasers and Electro-Optics, OSA Technical Digest (Optical Society of America, 2020), paper JTU2F.10.
2. N. T. Vasile, R. Chiriac, N. Pavel, "High-peak power passively Q-switched Nd:YAG/Cr⁴⁺:YAG laser for multi-point ignition of lean methane-air mixtures," 9th EPS-QEOD Europhoton Virtual Conference, 30 August - 4 September 2020; poster presentation Tu-P1.3.
3. C. A. Brandus, M. Greculeasa, A. Broasca, F. Voicu, L. Gheorghe, "Infrared and self-frequency-doubling emission characteristics of diode-pumped Nd:LGSB laser crystal," 9th EPS-QEOD Europhoton Virtual Conference, 30 August - 4 September 2020; poster presentation Tu-P1.11.
4. A. Broasca, M. Greculeasa, F. Voicu, S. Hau, G. Croitoru, C. Gheorghe, N. Pavel, L. Gheorghe, "New Yb:LYSB bifunctional crystal for efficient near-infrared laser emission and self-frequency doubling conversion," 9th EPS-QEOD Europhoton Virtual Conference, 30 August - 4 September 2020; poster presentation Tu-P1.12.
5. G. Stanciu, F. Voicu, C. A. Brandus, C. Tihon, S. Hau, C. Gheorghe, G. Croitoru, L. Gheorghe, "Enhancement of the laser emission efficiency of Yb:Y₂O₃ ceramics via multi-step sintering method fabrication," 9th EPS-QEOD Europhoton Virtual Conference, 30 August - 4 September 2020; poster presentation Tu-P1.13.
6. C. A. Brandus, M. Greculeasa, A. Broasca, F. Voicu and L. Gheorghe, "Self-frequency-doubling Nd:LGSB laser passively Q-switched by Cr⁴⁺:YAG saturable absorber," OSA Laser Congress, 13 - 16 Oct. 2020, oral presentation AF2A.6.