

List of publications

I. Journal Publications

1. **V J Dann**, Manoj V Mathew, V P N Nampoori, C P G Vallabhan, V M Nandakumaran, P Radhakrishnan; Spectroscopic Characterization of Laser Induced Plasma from Titanium Dioxide; *Plasma Sci. and Technol. Vol.9, No.4 456 (2007)*
2. **V J Dann**, V M Nandakumaran, V P N Nampoori; Plasma Dynamics of Neutral Species of Titanium in Laser Ablated Titanium Dioxide (*communicated*).
3. **V J Dann**, Arun Anand, V P N Nampoori; Radial Electron Density Distribution in Laser Induced Plasma Using Digital Interferometry (*communicated*).
4. **V J Dann**, Arun Anand, V P N Nampoori; Diagnostics of Laser Induced Plasma Using Optical Tomography (*communicated*).
5. Litty Irimpan, **V J Dann**, Bindu Krishnan, A Deepthy, V P N Nampoori and P Radhakrishnan; Backscattering of Laser Light from Colloidal Silica; *Laser Physics, Vol 18, Issue 7, 882 (2008)*.
6. Ritty J Nedumpara, K Geetha, **V J Dann**, C P G Vallabhan, V P N Nampoori and P Radhakrishnan; Light Amplification in Dye Doped Polymer Films; *J. Opt. A: Pure Appl. Opt. 9 174 (2007)*.
7. Bindu Krishnan, A Deepthy, Litty Irimpan, **Dann V J**, V P N Nampoori; Backscattering from Nano-sized ZnO Suspensions; *Physica E 35 23 (2006)*.

II. Conference Publications

8. **V J Dann**, R K Singh, Ajai Kumar, V P N Nampoori; Optical Emission in Laser Induced Breakdown of Li in Transverse Magnetic Field; Proceedings of *NLS 2007, MS University, Vadodara (December 2007)*.
9. **V J Dann**, Arun Anand, C V S Rao, D Sajeev, V P N Nampoori; Optical Tomography of Laser Produced Plasma using Pixel Method; Proceedings of *Progress*

on Tunable lasers for Ultrafast Processes and Applications (PTLUPA 6), Indian Institute of Technology, Madras (December 21-22, 2006).

10. **V J Dann**, C P G Vallabhan, V M Nandakumaran, V P N Nampoori; Electrical Characterization of Laser Produced Plasma from a Metallic Target; Proceedings of *Plasma 2006, Malaviya NIT, Jaipur (December 19-22, 2006)*.

11. **V J Dann**, C P G Vallabhan, V M Nandakumaran, P Radhakrishnan, V P N Nampoori; Effect of External Magnetic Field on the Dynamics of Laser Generated Plasma from a Solid Target; Proceedings of *PHOTONICS 2006, University of Hyderabad (December 13-19, 2006)*.

12. **V J Dann**, Manoj V Mathew, V M Nandakumaran, C P G Vallabhan, V P N Nampoori; Temporal Profile of Ti in Laser Produced Plasma from Titania; Proceedings of *Fifth DAE-BRNS National Laser Symposium (NLS-5), Vellore (December 2005)*.

13. **V J Dann**, Manoj V Mathew, Jaimon Yohannan, C P G Vallabhan, V M Nandakumaran and V P N Nampoori; Spectral Characterization of Laser Produced Plasma from Titanium Dioxide; Proceedings of *20th National Symposium on Plasma Science and Technology (PLASMA 2005), Cochin (December 2005)*.

14. Sajeev D, **Dann V J** and Nampoori V P N; Spectral Studies on the Laser Induced Breakdown of Corals; Proceedings of *PHOTONICS 2006, University of Hyderabad (December 13-19, 2006)*.

15. Sajith Mathews T, **Dann V J**, Nampoori V P N; Laser Induced Breakdown in Aqueous Solutions of Rhodamine 6G; Proceedings of *Fifth DAE-BRNS National Laser Symposium (NLS-5), Vellore (December 2005)*.

16. Litty Irimpan, **V J Dann**, Bindu Krishnan, A Deepthy, V P N Nampoori and P Radhakrishnan; Studies on Back-scattering of Laser light in Colloidal Silica; Proceedings of *Seventh International Conference on Optoelectronics, Fiber Optics and Photonics (PHOTONICS 2004), Cochin (December 9-11, 2004)*.

17. Lyjo K Joseph, Litty Mathew Irimpan, **Dann V J**, Radhakrishnan P and Nampoori V P N; Fluorescence Study of Lanthanum Titanate; Proceedings of *Fifth DAE-BRNS National Laser Symposium (NLS-5), Vellore (December 2005)*.

18. Bindu Krishnan, Litty Irimpan, Deepthy A, **Dann V J**, Nampoori V P N; Non-linear Optical Properties of Nano ZnO Colloids Using Z-Scan Technique; Proceedings of *Fourth DAE-BRNS National Laser Symposium, BARC, Mumbai (January 10-14, 2005)*.
19. Bindu Krishnan, A Deepthy, Litty Irimpan, **Dann V J**, V P N Nampoori; Coherent Backscattering from Nano-sized ZnO; Proceedings of *Seventh International Conference on Optoelectronics, Fiber Optics and Photonics (PHOTONICS 2004), Cochin (December 9-11, 2004)*.
20. **Dann V J**, Amrithesh M, Seema R, Thomas Lee S; A Macrobend Fiber-optic Force Sensor; Proceedings of *Second International Conference and Twenty Seventh Annual Convention of the Optical Society of India, Science and Technology Museum, Thiruvananthapuram (August 27-29, 2001)*.