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List of Publications

1. Optical absorption spectral studies of Pr$^{3+}$, Nd$^{3+}$, Er$^{3+}$ and Tm$^{3+}$ ions in the CaO-Al$_2$O$_3$-B$_2$O$_3$ glass system P Nachimuthu and R Jagannathan, Phys. Chem. Glasses 36 (1995) 204.


Presented at Conferences

1. Solid state physics symposium at Bhaba Atomic Research Centre, Bombay, in December 1993. The posters were presented (a) Oscillator strengths and radiative properties of Pr$^{3+}$ in PbO-PbF$_2$ glass. P. Nachimuthu and R. Jagannathan. (b) Absorption and emission spectral studies of Eu$^{3+}$ doped phosphate glasses, P. Nachimuthu, M. Prasanna and R. Jagannathan.

2. National laser symposium at IRDE, Dehradun, in February 1995. The poster was presented (a) Lead based oxyfluoride glass as host for rare earth lasers, P. Nachimuthu and R. Jagannathan.

3. Modern trends in inorganic chemistry at University of Hyderabad, Hyderabad in August 1995 The poster was presented (a) Thermal and optical properties of PbO-KF glasses, P. Nachimuthu and R. Jagannathan.

4. XXIII National symposium of the optical society of India on Optics and Optoelectronics at IRDE, Dehradun, in March 1996 The poster was presented. (a) An hitherto unreported energy transfer in rare earth systems, Pr$^{3+}$ to Tb$^{3+}$ ions in PbO-PbF$_2$ glass P. Nachimuthu, C Sivaram and R Jagannathan.