

Abstract Submitted
for the OSF09 Meeting of
The American Physical Society

Emission Spectroscopy of Rare Gas Plasma DAVID DAVENPORT,
NAVEED PIRACHA, John Carroll University — We report on the emission spectroscopy of rare gas plasma. The spectra were taken using Ocean Optics spectrometer and hollow cathode lamps in the spectral range from 250 nm – 700 nm. The spectra were analyzed and transition assignments were developed. We formulated data on the widths of line spectra, transition intensities and electron temperature using spectroscopic diagnostic techniques.

Naveed Piracha
John Carroll University

Date submitted: 18 Sep 2009

Electronic form version 1.4