EINLADUNG
zum
Seminar des Instituts für Quantenphysik

Die, 16.10.2018
14:00 Uhr
M24/H10
Prof. Dr. Surendra Singh
University of Arkansas
*Diffraction and Polarization Properties of Optical Vortex Beams*

Abstract: Diffraction and polarization properties of angular momentum carrying Laguerre-Gauss vortex beams of light will be discussed and novel features that arise will be described. Similar effects with other types of laser beams will be summarized. Experimental observations confirming these features will also be presented.

Do, 18.10.2018
14:30 Uhr
M24/H10
Prof. Dr. Reeta Vyas
University of Arkansas
*Coherence and Fluctuation of Light from Optical Parametric Oscillators*

Abstract: Exact quantum distribution of parametric oscillators from below to above threshold will be presented. Photon sequences generated by parametric oscillators will be described and nonclassical effects will be discussed in terms of quantities measurable in photoelectric detection.

Alle Interessenten sind herzlich eingeladen!