

EINLADUNG

zum Vortrag von

Prof. Dr. Paulo S. Santos

Instituto de Química da Universidade de São Paulo
São Paulo, BRAZIL

über

Raman Spectroscopy: From small molecules to complex systems

am

Dienstag, 17. Oktober 2006, um 17.30 Uhr

im Großen Hörsaal des Instituts für Experimentalphysik der Universität Wien
1090 Wien, Strudlhofgasse 4 / Boltzmannngasse 5, 1. Stock

Abstract:

The applications of Raman spectroscopy to systems of increasing molecular complexity will be highlighted, with special emphasis in the techniques that make use of the Resonance Raman (RR) and Surface Enhancement (SERS) effects. In particular, recent results involving the microstructure of ionic liquids will be presented alongside with the supporting information from molecular dynamics simulations. The excellent opportunities for the cooperation between experimentalists and theoreticians in facing new challenges revealed by recent results will be highlighted.