

# Colloquium Notice

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*Studies of the optical properties of nanosized objects*

Physics of nanosized structures has grown extensively in a recent past. Nanosized structures are developing very quickly, because many applications in nano-optics, nano-electronics etc. become more realistic in view of possible applications. In this talk will be presented some studies of the optical properties of nanosized metallic particles, organized arrays of empty or metal filled nanopores, ordered mesoporous silica films and colloidal suspensions. These objects were studied by scattering, reflection, and transmission of volume and surface electromagnetic waves.

Wednesday

**May 12, 2004**

Starts at 12:15 PM

Coffee at 12:00 PM

Physics Conference Room, SB B326