

BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA



INSTITUTO DE FÍSICA
“Luis Rivera Terrazas”



SEMINARIO
“DR. JESUS REYES CORONA”

“Anisotropic optical responses from symmetry-controlled metallic nanocomposites: towards quantum plasmonics”

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In this talk, I will present the main results obtained by our group during the last 5 years, regarding the understanding and control on the linear and nonlinear optical responses from isotropic and anisotropic metallic nanocomposites obtained by ion implantation. I will stress the importance of the anisotropy of the materials for obtaining a richer optical behavior, which could be used for sensing, or even for quantum information purposes. Some results for combined isotropic materials will be also shown.

Auditorio-IFUAP

Viernes 9 de Noviembre de 2012

13:00 Hrs.