

VII Leopoldo García-Colín Mexican Meeting on Mathematical and Experimental Physics



Contribution ID: 93

Type: **not specified**

ENRIQUE ESPARZA: Monolayers of cholesterol deposited by Langmuir-Blodgett technique on nanostructured substrates.

Thursday, 20 February 2020 12:15 (15 minutes)

Cholesterol monolayers were deposited by the Langmuir-Blodgett (LB) technique on silicon wafers, glass slides, nano structured silicon wafers and nanostructured glass slides. These latter substrates are known as nanostructured substrates (SN) since they have deposited a silver film by the pulsed laser ablation technique (ALP). The films were characterized by the Raman spectroscopy technique to study whether the SERS effect (Surface Enhanced Raman Spectroscopy) presented by nanostructured substrates aids in the detection of thin films synthesized by the LB technique.

Session Classification: PLENARY TALKS

Track Classification: SYMPOSIUM ON LASER ABLATION