

A Study of the Laser-Assisted Alloying Effect on Plasmonic Properties of Au-Pd Nanostructured Film Using Surface-Enhanced Raman Spectroscopy

Chawki Awada ^{1,*} and Francesco Ruffino ^{2,*}

¹ Department of Physics, College of Science, King Faisal University, P.O. Box 400, Al-Ahsa 31982, Saudi Arabia

² Dipartimento di Fisica e Astronomia "Ettore Majorana", Università di Catania and CNR-IMM, Catania (University) Unit, 95123 Catania, Italy

* Correspondence: cawada@kfu.edu.sa (C.A.); francesco.ruffino@ct.infn.it (F.R.)

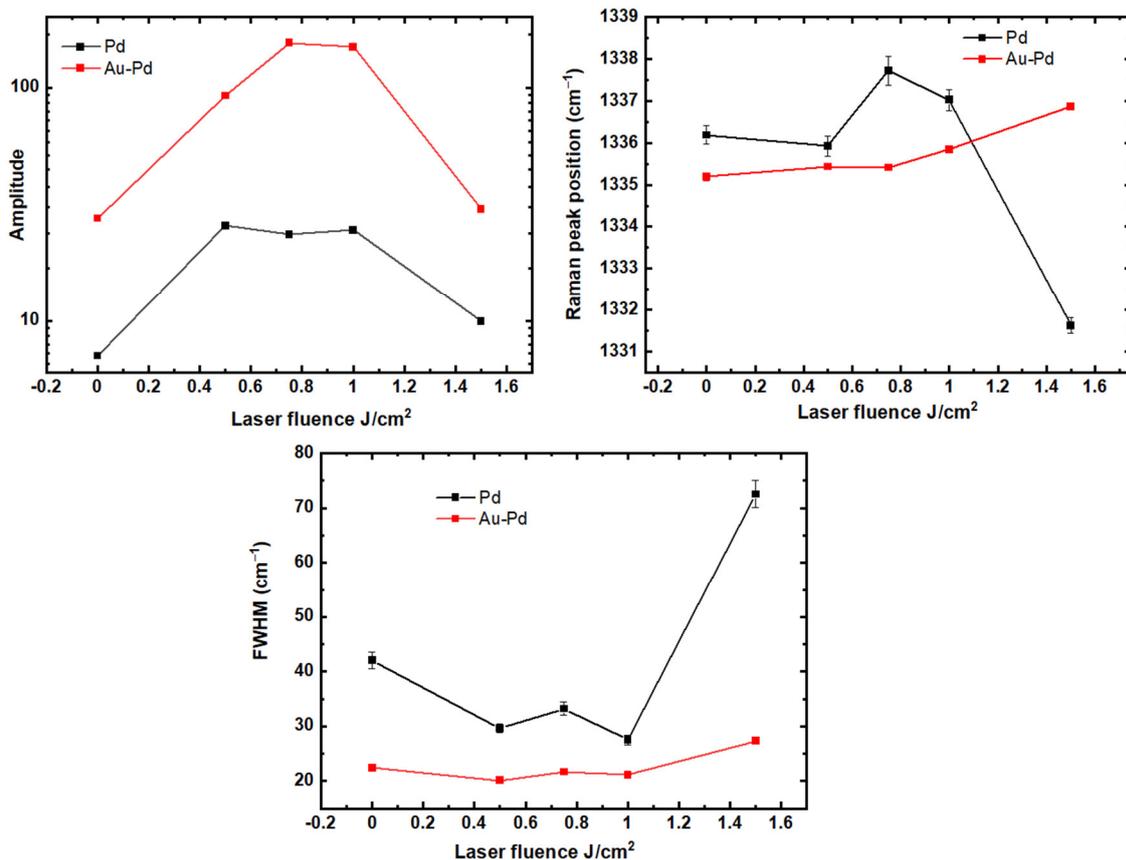


Figure S1. (a) Variation of amplitude as function of laser fluence for Pd and Au-Pd, (b) Raman peak position, and (c) FWHM.