

# NANO TECH

Puerto Vallarta 2016



UNIVERSIDAD DE GUADALAJARA  
CENTRO UNIVERSITARIO DE LOS VALLES

## PROGRAM OF ACTIVITIES



DINANO  
SMF



[www.nanotech.cuvalles.udg.mx](http://www.nanotech.cuvalles.udg.mx)

# PROGRAM OF ACTIVITIES (AUDITORIUM)

Hour	Monday, Nov 14th	Tuesday, Nov 15th	Wednesday, Nov 16th	Thursday, Nov 17th	Friday, Nov 18th
08:00 - 08:50	<b>Registration (lobby) *</b>				"Ligand effects on the optical and chiroptical properties of thiolated gold" / Dr. Alfredo Tlahuice Flores: FCFM - UANL, México
08:50 - 09:40	Congress Opening / Dra. Bertha Molina Brito, Dr. Elder de la Rosa, Dr. José Luis Santana Medina (CUValles - UdeG)	Session of the board, members DINANO-SMF	"Laboratorio Nacional de Nanotecnología (CIMAV): Technical capacities" / Dr. Francisco Espinosa Magaña: CIMAV, México	Session of the board, members Mexican Nanoscience & Nanotechnology theme network	"Applications of nanoscale inorganic materials for solar energy uses, environmental protection and health preservation" / Dr. David Díaz: FQ-UNAM, México
09:40 - 10:30	"Organic functionalization of two dimensional systems" / Dr. Naboru Takeuchi Tan: CNYN-UNAM, México	"Vibrational spectroscopy of metal cluster complexes with a Free Electron Laser: investigating the chemistry on a small surface" / Dr. André Fielicke: Institut für Optik und Atomare Physik, Technische Universität, Alemania	"Prospects for Hydrogen Storage in Graphene" / Dr. Stefan Heun: CNR-NANO, Italia	"From synthesis to application of photovoltaic perovskite nanowires" / Dr. László Forró: Laboratory of Physics of complex matter, Ecole Polytechnique Fédérale de Lausanne, Suiza	"Chirality at the Nanoscale: Geometric Quantification of Chirality in Bare and Ligand-Protected Metal Clusters" / Dr. Ignacio L. Garzón Sosa: IF-UNAM, México
10:40 - 11:30	"Nanophotonics for bioemical and optoelectronics applications" / Dr. Elder de la Rosa: CIO, México	"Formation and atomic structure of hierarchical Boron Nitride Nanostructures" / Dr. Ricardo Alberto Guirado López: IFUASLP, México	"Chitosan based nanocomposites for biomedical and sensor applications" / Dr. Evgen Prokhorov Federovitch: CINVESTAV - Querétaro, México	"Understanding Optical Absorption Spectrum of Copper Sulfide Nanoparticles" / Dr. Álvaro Posada Amarillas: UNISON, México	Congress Closure
11:40-12:00	<b>Coffee break</b>		<b>Coffee break Official photo-taking session</b>	<b>Coffee break</b>	
12:00 - 13:40	Course 1** / Course 4**		Course 2** / Course 3**		
13:50-15:30	<b>Lunch / dining</b>				
15:40 - 16:30	"One dimensional nanomaterials for energy storage application" / Dra. Marina Elizabeth Rincón González: IER-UNAM, México	"Quantum-mechanical modeling of metal nanoarchitectures in catalysis and optics" / Dr. Alessandro Fortunelli: CNR-ICCOM, Italia	"Nanomaterials for solar energy conversion systems" / Dr. Gerko Oskam: CINVESTAV-Mérida, México		
16:40-17:30	"Physical properties of semiconductor nanostructures: First principles studies" / Dr. Gregorio Hernández Cocoltzi: IFUAP-BUAP, México	"Rewritable organic memory devices using carbon nanostructures/PEDOT:PSS composites" / Dr. Román López Sandoval: IPICYT-SLP, México	"Development of hydrodesulfurization catalysts based on transition metal sulfides" / Dr. Sergio Fuentes Moyado: CNYN-UNAM, México		
17:40 - 19:00	<b>Poster Session (Foyer Gran Salón Club)</b>				

\* Registration available since Sunday 13th, at 16:00

## \*\* Courses

	Title	Researches	Location
1	Electrochemical deposition: Concepts related to the early stages of the formation of a new phase (micro or nanoscale)	Dra. Miranda Hernández Margarita / IER-UNAM, México	Hall: Caballito de Mar
2	Properties and characterization of gas-phase clusters	Dr. Fielicke André / Institut für Optik und Atomare Physik, Technische Universität, Alemania	Hall: Caballito de Mar
3	Conducting Polymers, Meso- and Nano-structures: Application to Emerging Technologies	Dra. Reyes Reyes Marisol / Dr. Román López Sandoval / IICO-UASLP, México	Hall: Pez Vela
4	Grow of nanofilms by physical vapor deposition techniques	Dr. Pérez López Israel Omar / UACJ, México	Hall: Pez Vela