

ORAL SESSION VI

	Area	Code	Author	Title
9:00 - 9:40	PLENARY TALK	Plenary 6	Nestor Perea	Defect engineering in single-layer MoS ₂
9:40 - 10:00	Advanced materials and physics of nanostructures	AMPN-6	David A. Ruiz-Tijerina	Resonantly hybridized moiré excitons in transition-metal dichalcogenide heterostructures
10:00 - 10:20	Advanced materials and physics of nanostructures	AMPN-56	Carlos Belman	Bi ₄ Ge ₃ O ₁₂ :Eu and LiGa ₅ O ₈ :Cr self-assembled with gold nanorods and their potential use as a theranostic agents
10:20 - 10:40	Bionanotechnology	BIO-10	Emmanuel Gaona-Carranza	In vitro biocompatibility evaluation of europium-doped hydroxyapatite nanoparticles
10:40 - 11:00	Advanced materials and physics of nanostructures	AMPN-8	Alexander Lope	Driving the anisotropic energy band structure transport in semi-Dirac materials
11:00 - 11:20	Physical-chemistry of nanomaterials and nanocatalysis	PCNN-35	Alexey Tsyganenko	FTIR spectroscopy for the studies of catalysts and catalytic reaction mechanisms
11:20 - 11:40	Coffee Break			

ORAL SESSION VII

11:40 - 12:00	Advanced materials and physics of nanostructures	AMPN-7	Elias Andrade	Valley engineering by strain in Kekulé-distorted graphene
12:00 - 12:20	Physical-chemistry of nanomaterials and nanocatalysis	PCNN-44	A. M. Valenzuela-Muñiz	Nanostructured TiO ₂ -MWCNT Novel Materials for Electro-catalytic Applications
12:20 - 12:40	Bionanotechnology	BIO-6	Norma Jassel Ramírez-Rodríguez	Pegylated cyclodextrins: uncovering their nanoassemblies
12:40 - 13:00	Advanced materials and physics of nanostructures	AMPN-22	S. Muhl	Magnetron sputtering of titanium and graphite, with and without magnets, using DC, P-DC and RF
13:00 - 13:20	Nanophotonics	NPh-2	Cercis Morera-Boado	TDDFT study of excited states of Br ₂ in clathrates cages
13:20 - 14:00	PLENARY TALK	Plenary 7	Sandra Rodil	GOOD PRACTICES FOR REPORTING PHOTOCATALYTIC EVALUATION OF VISIBLE-LIGHT ACTIVE SEMICONDUCTORS: Bi ₂ O ₃ CASE STUDY

14:00 - 16:00	Lunch			
ORAL SESSION VIII				
	Area	Code	Author	Title
16:00 - 16:20	Advanced materials and physics of nanostructures	AMPN-10	Fabian N. Murrieta-Rico	Impedance spectroscopy characterization of MOR zeolite
16:20 - 16:40	Physical-chemistry of nanomaterials and nanocatalysis	PCNN-45	H. Rojas-Chávez	The first stage of ZnO nanostructures growth via controlled thermal oxidation: a combined experimental and theoretical study
16:40 - 17:00	Bionanotechnology	BIO-4	Gallego-Hernández, A.L.	Inhalable rutile nanoparticulate in atmospheric dust
17:00 - 17:20	Advanced materials and physics of nanostructures	AMPN-16	V.A. Hernández-Morales	Surface modification of polyethersulfone membranes by deposition of TiO ₂ to achieve the photocatalytic removal of the organic compounds comprising the cake in a filtration process
17:20 - 18:00	PLENARY TALK	Plenary 8	Miguel Ávalos	Characterization of 2D gold triangular nano plates by advanced TEM techniques
18:00 - 20:00	POSTER SESSION II			