

## PRESENTACIONES EN CONGRESOS ESTUDIANTES DCF 2016

No.	Título	Autores (azul estudiante, negrita director)	Evento	Tipo Participación	LUGAR	FECHA
1	Aproximación de la energía del estado base de los átomos de Be y B usando el método variacional directo	<b>F.A. Duarte-Alcaraz, R.A. Rosas-Burgos</b>	LIX Congreso Nacional de Física	Póster	México	2016
2	Construyendo un vértice de Quark-Gluón no perturbativo desde uno perturbativo	<b>R. Bermudez-Ramos, M.E. Teyeda Yeomans</b>	XXX Reunión Anual de la División de Partículas y Campos	Póster	México	2016
3	Dependencia de doblez en láminas para la excitación de modos Lamb	<b>I. Ham-Rodríguez, J. Manzanares-Martinez, B. Manzanares-Martinez</b>	LIX Congreso Nacional de Física	Póster	México	2016
4	Dielectric relaxation study of divalent Eu- cation vacancy dipoles in KCl1-xKBrx binary crystals	<b>B.M. Moreno-Calles</b> , A. Perez-Rodrigz, <b>R. Perez-Salas</b> , T.M. Piters	LIX Congreso Nacional de Física	Póster	México	2016
5	Electron states and electron Raman scattering in a double cylindrical semiconductor quantum well wire	<b>M. Munguia</b> , R. Betancourt-Riera, Re. Betancourt-Riera, <b>R. Riera</b>	LIX Congreso Nacional de Física	Póster	México	2016
6	Generación de Plasmones de Superficie por un Haz Pulsado de Luz	<b>J.M. Gutierrez.Villarreal, J.A. Gaspar-Armenta</b>	LIX Congreso Nacional de Física	Póster	México	2016
7	Hierarchical analysis of The New York Times and global financial indices	<b>A. Garcia-Andres</b>	Econophysics Colloquium 2016	Póster	Brasil	2016
8	Insights into reactivity properties of the ground state structures of (CuS) <sub>x</sub> (x=1-7)	<b>J. Luque-Ceballos, A. Posada-Amarillas</b>	The American Physical Society's March Meeting	Póster	EEUU	2016
9	Modification of detonation nanodiamonds for imaging and spectroscopic studies in cells	<b>S. Pedroso-Santana</b> , A. Sarabia-Sainz, N. Fleitas-Salazar, E. Silva-Campa, A. Angulo-Molina, M. Pedroza-Montero, <b>R. Riera</b>	XXV International Materials Research Congress	Póster	México	2016
10	Mono and bi-metallic nanoparticles of Au and Au@Ag at room temperature - Optical properties and application	<b>R.A. Britto-Hurtado</b> , M. Cortez-Valadez, <b>M. Flores-Acosta</b> , H. Arizpe-Chavez, R.A. Alvarez-Bayona	IX International Conference on Surfaces, Materials and Vacuum	Póster	México	2016
11	Nanoscale dose deposition in cell structures under X-ray radiation treatment assisted with nanoparticles for a range of elements: an analytical approach to cell survival	<b>W.F. Melo-Bernal, V. Chernov</b> , G. Chernov, M. Barboza-Flores	XVI International Symposium on Solid State Dosimetry	Póster	México	2016
12	Out-of-plane photonic band structures of two-dimensional photonic crystals: a study of the complete band gap	<b>J.D. Valenzuela-Sau, R. Garcia-Llamas</b>	The 7th International Conference on Metamaterials, Photonic Crystals and Plasmonics	Póster	España	2016

13	Surface plasmon position as a function of the size and shape of the particle	<b>M. Flores-Acosta</b> , <b>N.S.Flores-Lopez</b> , J.Flores-Valenzuela, Y.Delgado-Beleño, C.E.Martínez-Núñez, J.M.Cortez-Valadez, J.P.Ramírez-Rodríguez	XXV International Materials Research Congress	Póster	México	2016
14	Synthesis of Silver NPs: Stability Studies for SERS Applications	<b>N.Fleitas Salazar</b> , E. Silva-Campa, S.Pedroso-Santana, A.Angulo-Molina, M.Pedroza-Montero, <b>R. Riera</b>	XXV International Materials Research Congress	Póster	México	2016
15	Theoretical study of planar silver clusters by Density Functional Theory (DFT) in correlation with the experimental the format ion of silver nanoparticles in synthetic zeolite A4	<b>P. Horta-Fraijo</b> , N.S. Flores-Lopez, <b>M. Cortez-Valadez</b> , <b>M. Flores-Acosta</b>	XXV International Materials Research Congress	Póster	México	2016
16	Theoretical Study of the interacion between SiO4 and Pd, ni and Co	<b>Arce Machado, Diana E</b>	International Supercomputing Conference in Mexico	Ponencia	México	2016
17	Thermoluminescence of chemically synthesized ZnO phosphors	<b>R. Aviles-Monreal</b> , C. Cruz-Vazquez, <b>R. Bernal</b>	XVI International Symposium on Solid State Dosimetry	Póster	México	2016
18	Vibrational properties of Ag and Au nanoparticles obtained by green synthesis	<b>R. A. Alvarez-Bayona</b> , M. Cortez-Valadez, R. Britto-Hurtado, <b>H. Arizpe-Chavez</b> , M. Flores-Acosta	IX International Conference on Surfaces, Materials and Vacuum	Póster	México	2016