

Session Index

Session T2: Surfaces, Nanoparticles, and Materials

Sponsoring Units: DCP

Chair: Gilbert Nathanson, University of Wisconsin-Madison

Room: 102

Thursday, March 6, 2014 11:15AM - 11:27AM	T2.00001: Galactose adsorption on Ru(0001) Matti Alatalo , Mikko Puisto
Thursday, March 6, 2014 11:27AM - 11:39AM	T2.00002: Surface-Specific Hubbard U calculations for α-Fe₂O₃ (0001) Surfaces Xu Huang , Sai Kumar Ramadugu , Sara Mason
Thursday, March 6, 2014 11:39AM - 11:51AM	T2.00003: Synthesis and Cs-Corrected Scanning Transmission Electron Microscopy Characterization of Multimetallic Nanoparticles Subarna Khanal , Nabraj Bhattarai , Jesus Velazquez-Salazar , Miguel Jose-Yacamán
Thursday, March 6, 2014 11:51AM - 12:03PM	T2.00004: Computational Design of Bimetallic (Au-Cu & Ag-Cu) Catalyst for Low Temperature CO Oxidation Altaf Karim , Abdul Rauf , Akhtar Hussain Preview Abstract
Thursday, March 6, 2014 12:03PM - 12:15PM	T2.00005: The Adsorption of Polyatomic Molecules on Carbon Surfaces Jared Burde , Mercedes Calbi Preview Abstract
Thursday, March 6, 2014 12:15PM - 12:27PM	T2.00006: A concentration dependence of the low temperature fluorescence of Neodymium (III) doped Gadolinium Gallium Garnet Christopher Ferri , Jacky Wan , Michael Tennenbaum , Sayantani Ghosh Preview Abstract
Thursday, March 6, 2014 12:27PM - 12:39PM	T2.00007: Thermoelectric Transport Properties of Hypothetical Type-VIII Clathrate Si₄₆ Payam Norouzzadeh , Charles Myles , Daryoosh Vashaee
Thursday, March 6, 2014 12:39PM - 12:51PM	T2.00008: Single crystal synthesis and magnetism of the BaLn₂O₄ family (Ln=Lanthanide) Tiglet Besara , Jeffrey Whalen , Matthew Lundberg , Daniel Ramirez , Jifeng Sun , Lianyang Dong , Theo Siegrist
Thursday, March 6, 2014 12:51PM - 1:03PM	T2.00009: Ultrafast Optical Studies of Carrier Relaxation Dynamics in PbSe Nanoplatelets Andrew Fidler , Weon-Kyu Koh , Claudiu Cirloganu , Nikolay Makarov , Istvan Robel , Victor Klimov
Thursday, March 6, 2014 1:03PM - 1:15PM	T2.00010: Single Molecule Approaches for Two Dimensional Nanostructures Thomas Baker , Shajun Guo , Weon-Kyu Koh , Nikolay Makarov , Andrew Fiddler , Istvan Robel , Victor Klimov
Thursday, March 6, 2014 1:15PM - 1:27PM	T2.00011: Phase diagram and Equation of State of Boron Carbide Tadashi Ogitsu , Sebastien Hamel , Andrew Shamp , Eva Zurek
Thursday, March 6, 2014 1:27PM - 1:39PM	T2.00012: Formation, stability, and reactivity studies of neutral iron sulfide clusters Shi Yin , Zhechen Wang , Elliot Bernstein
Thursday, March 6, 2014 1:39PM - 1:51PM	T2.00013: The role of ligands effect in the atomic and electronic structure of Pt₅₅ and Au₅₅ nanoclusters Diego Guedes Sobrino , Maurício J. Piotrowski , Juarez L.F. Da Silva

Thursday, March 6, 2014
1:51PM - 2:03PM

[T2.00014: Assembling Ge₆Au₄N₄ Structures From Ge₆ Building Blocks](#)
Kathie Newman , Danielle McDermott

Thursday, March 6, 2014
2:03PM - 2:15PM

[T2.00015: Characterization of the Surface of Colloidal Ag NPs by Second Harmonic Light Scattering](#)
Grazia Gonella , Bolei Xu , Brendan G. DeLacy , Hai-Lung Dai