

Poster Session I Friday, September 16, 2011 (SRC Vault)

Poster #	Title and Author(s)
UM2011 Friday - 1	<u>Brooke Bellehumeur</u>, Carol Hirschmugl, Brenda Ogle, Michael Nasse, Jayne Squirrel, David Buschke, Kevin Eliceiri Examination of Differentiating Mouse Embryonic Stem Cells Using IRENI
UM2011 Friday - 2	<u>G. Bian</u>, T. Miller and T.-C. Chiang Passage from Spin-Polarized Surface States to Unpolarized Quantum Well States in Topologically Nontrivial Sb Films
UM2011 Friday - 3	Kamlesh J. Suthar, Michael Wojcik, <u>Ralu Divan</u>, Chi-Chun Liu, Paul F. Nealey and Derrick C. Mancini Nanopatterning of Poly(N-isopropylacrylamide) Hydrogel Using Soft X-ray and EUV Lithography
UM2011 Friday - 4	<u>T. Durakiewicz</u>, J. Joyce, K.S. Graham, M.F. Beaux, C.H. Booth, C. Capan, D. Hurt, A.D. Bianchi and Z. Fisk Electronic Structure of Yb-Substituted CeCoIn ₅
UM2011 Friday - 5	C. Liao, S. McKay, A. Paterson, B. C. Albensi, J. B. Morrison, R. Wehlitz, C. Hirschmugl, <u>K. M. Gough</u> IRENI Imaging of Brain Tissue From 3xTg Model of Alzheimer Disease
UM2011 Friday - 6	M.Z. Kastyak-Ibrahim, M.J. Nasse, M. Rakb, C. Hirschmugl, M.R. Del Bigio, B. C. Albensi and <u>K. M. Gough</u> Biochemical Label-Free Tissue Imaging with Subcellular-Resolution Synchrotron FTIR-FPA
UM2011 Friday - 7	<u>Phillip S. Johnson</u>, Peter L. Cook, Xiaosong Liu, Wanli Yang, Yiqun Bai, Nicholas L. Abbott, and F. J. Himpsel Universal Mechanism for Breaking Amide Bonds by Ionizing Radiation
UM2011 Friday - 8	<u>Y. Liu</u>, G. Bian, T. Miller, and T.-C. Chiang Visualizing Electronic Chirality and Berry's Phases in Graphene Systems Using Photoemission with Circularly Polarized Light
UM2011 Friday - 9	<u>Timothy W. Marin and Ireneusz Janik</u> Temperature and Density Dependence of the Lowest-Lying Electronic State in Sub- and Supercritical Water
UM2011 Friday - 10	<u>Aadam Ibrahim</u>, Carol J. Hirschmugl, Michael J. Nasse, and Brooke Bellehumeur FTIR in Pharmacology



Poster Session II

Saturday, September 17, 2011
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Poster #	Title and Author(s)
UM2011 Saturday - 1	<u>Yevgeniy Lushtak</u>, C. M. Evans and G. L. Findley Field Enhanced Photoemission: A New Technique for the Direct Determination of the Quasi-Free Electron Energy in Dense Fluids
UM2011 Saturday - 2	<u>Yevgeniy Lushtak</u>, Xianbo Shi, Luxi Li, C. M. Evans and G. L. Findley Temperature Effects on the Perturber Induced Shift of Dopant Ionization Energies in He and Ne
UM2011 Saturday - 3	<u>Barbara Illman</u>, Casey Crooks, Robert Julian, Michael Nasse, Carol Hirschmugl Chemical Imaging Live Cell Conversion of Biomass to Bioplastics
UM2011 Saturday - 4	<u>Barbara Illman</u>, Joseph Jakes, Robert Julian, Carol Hirschmugl IRENI-FTIR Analysis of Acetylated Wood
UM2011 Saturday - 5	<u>Rebecca A. Metzler</u> and Siyang Guo Investigating Barnacle Cement: The Composition of Underwater Glue
UM2011 Saturday - 6	<u>M. T. Nichols</u>, H. Sinha, G. A. Antonelli, Y. Nishi and J. L. Shohet The Effects of Plasma and VUV Exposure on the Time Dependent Dielectric Breakdown of Low-k Porous Organosilicate Glass
UM2011 Saturday - 7	H. Sinha and <u>J. L. Shohet</u> Equivalent-Circuit Model for VUV Irradiation of Dielectric Films
UM2011 Saturday - 8	<u>W. Lu</u>, N. S. Safron, C. Morner, H. Ren, M. S. Arnold, and J. L. Shohet VUV Photoemission Spectroscopy Characteristics of Graphene on SiO ₂
UM2011 Saturday - 9	<u>Tim Hartman</u>, Kelly Collins, Bethany Reilly, Narayana Appathurai, and Ralf Wehlitz Cooper Pair Formation in Acenes
UM2011 Saturday - 10	<u>Tim Hartman</u>, Kelly Collins, Bethany Reilly, Narayana Appathurai, and Ralf Wehlitz Large Molecules Reveal a Linear Length-Scaling for Double Photoionization
UM2011 Saturday - 11	Emily Makoutz, <u>Tim Hartman</u>, and Ralf <u>Wehlitz</u> Double Photoionization of Hydrocarbons with a Pentagonal Structure