

IIMEC School on Computational Materials Science Across Scales
Texas A&M University
College Station, Texas
June 2 – 11, 2014

Monday June 2 - DFT - Peter Entel, University of Duisburg-Essen, (exercises by R. Arroyave)

Tuesday June 3 - MD - Tahir Cagin, Texas A&M University

Wednesday June 4 - Computational Thermodynamics - Raymundo Arroyave, Texas A&M University

Thursday June 5 - Phase-Field Modeling - Jonathan Guyer, National Institute of Standards and Technology

Friday June 6 - Introduction to Python-based Materials Genomics - Raymundo Arroyave, Texas A&M University

Saturday June 7 - Polycrystalline Plasticity - Carlos Tome, Los Alamos National Laboratory

Sunday June 8 – Trip to Houston – Houston Museum of Natural Science and Japanese Gardens

Monday June 9 - Mesoscale Mechanics - Darren Hartl, Texas A&M University

Tuesday June 10 - Computer-Aided Materials Design - Pedro Rivera, University of Cambridge (evening session on Micromechanics/Damage with Fodil Meraghani, Yves Chemisky)

Wednesday June 11- Micromechanics/Damage- Hands on session - Fodil Meraghni and Yves Chemisky, Arts et Métiers ParisTech – Metz