

PLENARY LECTURES

**Location: Bluebonnet Ballroom, E.H. Hereford University Center
(UC, on the campus map)**

May 18, Sunday	
9:30 – 10:15	George Papanicolaou , Stanford University, USA Problems in scattering theory arising in the imaging of edges
10:15 – 11:00	Sijue Wu , University of Michigan, USA Almost global wellposedness of the 2-D full water wave equation
11:00 – 11:45	Hans Weinberger , University of Minnesota, USA Spreading speeds for a partially cooperative 2-species reaction-diffusion system
May 19, Monday	
10:30 – 11:15	Carlangelo Liverani , University of Rome "Tor Vergata", Italy Heat equation and Non-equilibrium (Classical) Statistical Mechanics
11:15 – 12:00	Jean-Claude Saut , Université Paris-Sud, France Travelling waves for the Gross-Pitaevskii equation
May 20, Tuesday	
10:30 – 11:15	Lassi Paivarinta , University of Helsinki, Finland Invisibility challenges inverse problems
May 21, Wednesday	
10:30 – 11:15	Lisa Fauci , Tulane University, USA Interaction of elastic biological structures with complex fluids
11:15 – 12:00	Walter Strauss , Brown University, USA Steady Rotational Water Waves