

## PLENARY LECTURES

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

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