
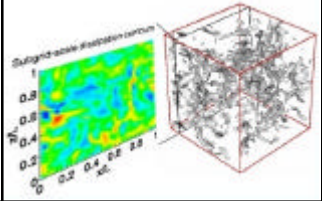
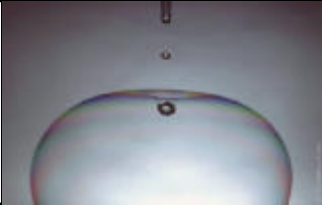



Program: 2002 Center For Environmental and Applied Fluid Mechanics Research Symposium May 17, 110 Maryland Hall

8:40	COFFEE AND MUFFINS			
9:00	WELCOME			
OCEANS				
Session Chair: Stuart Chester		9:05	Alex Nimmo Smith	Flow structure and turbulence distributions in the coastal ocean from PIV data
		9:25	Jennifer Abras	Submersible holography for microscale measurements of plankton and turbulence
		9:45	Hong Zhang	Transport timescales in the ocean
		10:05	Bin Zhao	Mechanisms of low-frequency climate variability in the North Atlantic Ocean
		10:25	David Smallwood	Dynamics and control of underwater robot vehicles
10:45-11:00 BREAK				
TURBULENCE				
Session Chair: Andrea Molod		11:00	Qiaoning Chen	Statistics of roughness and sign oscillation in fluid turbulence
		11:20	Hyung-Suk Kang	Active-grid-generated turbulence and comparison with LES
		11:40	Chad Higgins	Alignment trends in the atmospheric boundary layer
		12:00	Oguz Uzol	PIV Measurements within an axial turbomachine in an optically-unobstructed facility
12:20-13:50 LUNCH				
COMPLEX MEDIA				
Session Chair: Jian Sheng		13:50	Van X. Nguyen	Using surfactants to control pattern formation by small particles deposited from an evaporating fluid
		14:10	Yue Hao	Numerical modeling of three-dimensional two-phase flows: gas bubble oscillation and translation
		14:30	Qinjun Kang	Multiphase flow, transport and reaction in porous and fractured media
		14:50	Michael Simms	Thermal convection in faulted extensional sedimentary basins
15:10-15:25 BREAK				
ATMOSPHERE				
Session Chair: Jan Kleissl		15:25	Andrea Molod	The interaction between a heterogeneous land surface, the overlying boundary layer and the global climate
		15:45	Pingping Rong	Lifecycle of stratospheric polar vortices
		16:05	Markus Pahlow	Coupling of land and atmosphere over complex terrain: Marshall 2001
16:25 CLOSING RECEPTION				