

First ICTP-IVIC Latin-American Advanced Workshop on Numerical, Instrumentation and Measurement Methods in Fluid Dynamics

Hour	Sunday 10/08	Monday 11/08	Tuesday 12/08	Wednesday 13/08	Thursday 14/08	Friday 15/08	Saturday 16/08	Sunday 17/08	Monday 18/08	Tuesday 19/08	Wednesday 20/08	Thursday 21/08	Friday 22/08		
8:30-10:00	Arrivals		Droplet breakup and impact (J. Castrejon-Pita U. Cambridge)	Droplet breakup and impact (J. Castrejon-Pita U. Cambridge)	Vorticity in a periodic forced flow (G. Ruiz UNAM)	Vorticity in a periodic forced flow (G. Ruiz UNAM)	Touristic Trip		Exp. Investigation of molecular diffusion in microfluidic binary mixture systems (M. Franco U. Nova)	Exp. Investigation of molecular diffusion in microfluidic binary mixture systems (M. Franco U. Nova)	Solar granulation impact on chemical abundances (C. Mendoza IVIC)	Fluid Dynamic in Porous Media (R. Rangel, USB)	Fluid Dynamic in Porous Media (R. Rangel, USB)		
10:00-10:30		Event Overview	COFFEE BREAK					COFFEE BREAK							
10:30-12:00		Introduction to Computational Fluid Dynamic (A. Blanco USB)	Introduction to Computational Fluid Dynamic (A. Blanco USB)	Thermal wave methods for characterization of nanofluids (E. Marin IPN)	Thermal wave methods for characterization of nanofluids (E. Marin IPN)	Density Functional Theory and Fluid Dynamics (E. V. Ludeña YACHAY-TECH, IVIC)			Density Functional Theory and Fluid Dynamics (E. V. Ludeña YACHAY-TECH, IVIC)	Exp. and computational issues of granular flows (L. Trujillo IVIC)	Exp. and computational issues of granular flows (L. Trujillo IVIC)	Vortices, turbulence and thermodynamics, atomic s-fluid (V. Bagnato U. Sao P)	Vortices, turbulence and thermodynamics, atomic s-fluid (V. Bagnato U. Sao P)		
12:00-13:30		LUNCH												Closing Ceremony	
13:30-15:00		An Overview of Graph and Knot Theory applications in Modern Biology and Fluid Dynamics (I. Giltler ABACUS-Cinestav)	An Overview of Graph and Knot Theory applications in Modern Biology and Fluid Dynamics (I. Giltler ABACUS-Cinestav)	Foams and convection in oil recovery (A. Medina-A. Lopez IPN)	Foams and convection in oil recovery (A. Medina-A. Lopez IPN)	Applications of Computational Fluid Dynamics. 3D Gas cyclones. (H. Zambrano, INTEVEP)			Applications of Computational Fluid Dynamics. 3D Gas cyclones. (H. Zambrano, INTEVEP)	Numerical simulations of fluid-dynamic SPH (J. Klapp, ININ)	Numerical simulations of fluid-dynamic SPH (J. Klapp, ININ)	Solar granulation impact on chemical abundances (C. Mendoza IVIC)			
15:00-15:30		COFFEE BREAK													
15:30-17:00		Laser-Induced Breakdown Spectroscopy (L. Ponce INP)	Laser-Induced Breakdown Spectroscopy (L. Ponce INP)	Thermal convection at high numbers (J. Niemela, ICTP)	Thermal convection at high numbers (J. Niemela, ICTP)	Experimental Sessions (H. Cabrera IVIC)			Statistical tools for data analysis (A. Fernandez, IVIC)	Statistical tools for data analysis (A. Fernandez, IVIC)	Diffuse-interface modeling of liquid-vapor droplets (L. Sigalotti-J. Klapp IVIC-ININ)	Diffuse-interface modeling of liquid-vapor droplets (L. Sigalotti-J. Klapp IVIC-ININ)			
17:00-20:00		Welcome Drink	Informal discussion session												

Chairman List

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8:30-10:00	Arrivals		E. Plaza	H. Cabrera	J. Klapp	L. Trujillo	Touristic Trip		H. Cabrera	E. Plaza	C. Mendoza	C. Mendoza	J. Troconis	
10:00-10:30		Event Overview	COFFEE BREAK					COFFEE BREAK						
10:30-12:00		L. Sigalotti	E. Plaza	H. Cabrera	J. Klapp	L. Trujillo			H. Cabrera	E. Plaza	C. Mendoza	C. Mendoza	J. Troconis	
12:00-13:30		LUNCH												
13:30-15:00		L. Sigalotti	E. Plaza	H. Cabrera	Castrejon Pita	E. Marin Moares			L. Sigalotti	C. Mendoza	L. Trujillo	L. Trujillo	J. Troconis	
15:00-15:30		COFFEE BREAK												
15:30-17:00		L. Sigalotti	E. Plaza	H. Cabrera	Castrejon Pita	E. Marin Moares			L. Sigalotti	C. Mendoza	L. Trujillo	L. Trujillo	J. Troconis	
17:00-20:00		Welcome Drink	Informal discussion session											