

Friday, 5 December, 2008

8:30 am	Registration		
	MULTI-MEDIA CONFERENCE ROOM		Chairman: Stuart Antman
8:50 am	Opening Words		
9:00 am	John Ball <i>Interfaces and interfacial energy</i>		
10:00 am	Haïm Brezis <i>New estimates for linear differential systems with data in L^1 and decomposition of vector-fields in critical Sobolev spaces</i>		
11:00 am	Coffee Break		
11:30 am	Tai-Ping Liu <i>Kinetic theory and gas dynamics</i>		
12:30 pm	Lunch		
	ROOM P4801 Chairman: V. Girault	ROOM P4802 Chairman: C. Mardare	ROOM P4803 Chairman: J.M. Viano-Rey
2:00 pm	M. Chipot	S.H. Wang	M. Bernadou
2:25 pm	G. Dinca	P. Donato	O. Iosifescu
2:50 pm	V. Radulescu	T. Yang	X.J. Chen
3:15 pm	Coffee Break		
3:45 pm	D. Marini	D. Cioranescu	Ph. Destuynder
4:10 pm	J.-M. Thomas	A. Damlamiam	C. Vallée
4:35 pm	F. Cucker	Q. Zhang	
5:00 pm	Break		
	MULTI-MEDIA CONFERENCE ROOM		Chairman: Douglas Arnold
5:15 pm	Franco Brezzi <i>Cochains and subgrids</i>		

Saturday, 6 December, 2008

	MULTI-MEDIA CONFERENCE ROOM	Chairman: Shi Zhong-ci
9:00 am	Ta-Tsien Li <i>Mechanism of the formation of singularities for quasilinear hyperbolic systems</i>	
10:00 am	Douglas Arnold <i>Finite element differential forms</i>	
11:00 am	Coffee Break	
11:30 am	Roderick Wong <i>Orthogonal polynomials, Riemann-Hilbert problems, and Painlevé transcendents</i>	
12:30 pm	Lunch	
	MULTI-MEDIA CONFERENCE ROOM	Chairman: Jean-Pierre Bourguignon
2:00 pm	Alain Bensoussan <i>On systems of partial differential equations with non-linear superquadratic growth Hamiltonians</i>	
3:00 pm	Olivier Pironneau <i>Advanced variational methods for option pricing</i>	
4:00 pm	Coffee Break	
4:30 pm	Zhong-Ci Shi <i>Some aspects of finite element approximation for Reissner-Mindlin plates</i>	

Sunday, 7 December, 2008

	MULTI-MEDIA CONFERENCE ROOM		Chairman: Li Ta-t sien
9:00 am	Jean-Pierre Bourguignon <i>Progress in the solution of the Einstein equations of general relativity</i>		
10:00 am	Roger Temam <i>Some theoretical and computational problems in geophysical fluid dynamics</i>		
11:00 am	Coffee Break		
11:30 am	Yvon Maday <i>Some applications of negative norm approximation results</i>		
12:30 pm	Lunch		
	ROOM P4801 Chairman: Ph. Destuynder	ROOM P4802 Chairman: D. Cioranescu	ROOM P4803 Chairman: J. Zou
2:00 pm	D. Blanchard	D.X. Zhou	P. Degond
2:25 pm	A. Raoult	M. Tabata	B.-P. Rao
2:50 pm	J.M. Viano Rey	V. Girault	W. Pietraszkiewicz
3:15 pm	Coffee Break		
3:45 pm	B. Miara	M. Crouzeix	T. Tang
4:10 pm	C. Mardare	S. Kesavan	J. Zou
4:35 pm	G. Solanet	S. Mardare	R. Chan
5:00 pm	Break		
	MULTI-MEDIA CONFERENCE ROOM		Chairman: John Ball
5:15 pm	Pierre-Louis Lions <i>On mean field games</i>		
7:00 pm	Banquet		

Monday, 8 December, 2008

	MULTI-MEDIA CONFERENCE ROOM	Chairman: Alain Bensoussan
9:00 am	Gilbert Strang <i>Change in solution from change in domain</i>	
10:00 am	Stuart Antman <i>The Taylor problem for the motion of a liquid inside a deformable cylinder</i>	
11:00 am	Coffee Break	
11:30 am	Roland Glowinski <i>A numerical method for the solution of a non-smooth time-dependent problem arising from sand mechanics</i>	
12:30 pm	Lunch	