

Laboratoire LAMAI - Journée MOCASIM - 19 Décembre 2022

Lieu: **Amphi 3, Faculté des Sciences et Techniques**

Comité d'organisation :	N. Alaa - A. H. Bentbib - A. Hakim	
Heures	Lundi 19 Décembre 2022	
	Chairman: Nour Eddine Alaa	
09:00 -09:35	Adnane Boukamel	Les algorithmes de résolution des problèmes couplés thermo-chemo-mécaniques en grandes transformations
09:35 -10:10	Mostafa Bendahmane	Recent progress on homogenization of the bidomain and tridomain models in electrocardiology
10:10-10:45	Taourirte Laila	On singular quasilinear elliptic equations with data measures
10:45-11:15	Pause café	
	Chairman: Abdeslem Hafid Bentbib	
11:15-11:50	Aqel Fatima	Global existence of weak solutions to a Keller-Segal model with L^1 initial data
11:50 -12:25	Nachaoui Mourad	Some new algorithms for solving inverse Cauchy problems
12:30-14:30	Déjeuner	
	Chairman: Said Raghay	
14:30-15:05	El Mostafa Sadek	Méthodes numériques pour la résolution des problèmes matriciels de grande dimension
15:05-15:40	Charkaoui Abderrahim	Existence and uniqueness of a renormalized periodic solution to a nonlinear parabolic problem involving $p(x)$ -growth conditions with L^1 data
15:40-16:15	Lefraich Hamid	Computational modeling of ion transport through biological membranes and nanopores
16:15-16:45	Pause café	
	Chairman: Abdelilah Hakim	
16:45 -17:20	Jebrane Aissam	Mathematical modeling of contagious phenomena: Application to crowd dynamics and infectious diseases
17:20 -17:55	El Mourabit Idriss	Study of an anisotropic PDE based on structure tensor combined with a bilateral term for image multi super-resolution