	Program				
	session - code	LASTNAME	FIRSTNAME	Titre	
Chair : Arnaud Ducrot Monday June 16 2PM – 3PM	PLEANRY-1	Demongeot	Jacques	Forecasting epidemic peaks with index of dispersion of new cases.	
Chair : Jacques Demongeot				The 1070 Finalish hearding calculation and and where the	
Monday PM	A1-1	Не	Daihai	classic SEIR model fails	
10/06	A1-2	Seydi	Ousmane	On invasion threshold for structured population models	
Chair : David Manceau					
Monday PM 16/06	B1-1	Kang	Hao	On the principal eigenvalue of an age-structured operator with diffusion and advection	
	B1-2	Khalil	Kamal	Invariant sets under semiflows via a LieTrotter product formula for Semilinear evolution equations	
Monday PM 16/06	C1-1 C1-2				
Chair : Alain Miranville Tuesday June 17 9 AM – 10 AM Chair : Quentin Griette	PLENARY-2	Wu	Jianhong	Coupling behavioural adaptation and infestation/transmission Dynamics through risk-structured models.	
Tuesday AM	A2-1	Chatziafratis	Andreas	Higher-order diffusion and Cahn–Hilliard-type models revisited on the half-line	
17/06	A2-2				
Chair : Hao Kang					
Tuesday AM 17/06	B2-1	Thorel	Alexandre	Analytic semigroup generated by the dispersal process of a sylvatic Transmission model of Chagas disease	
	B2-2	Lahbiri	Fatima Zahra	Stochastic Evolution Equations with Almost Sectorial Operators and White Noise: An Integrated Semigroup Approach	

Program

Chair : Pierre Gabriel				
Tuesday AM	C2-1	Milisic	Vuk	Self-Interacting diffusions with aging
17/06	C2-2	Moussaoui	Ali	On the date of the epidemic peak
Chair : Luca Gerardo				
Tuesday June 17 1:30 PM – 2:30 PM	PLENARY-3	Ducrot	Arnaud	Periodic wave train for the Gurtin-MacCamy Equation
Chair : Gaël Raoul				
	A3-1	Gabriel	Pierre	Large scale asymptotics for subdiffusive motion
Tuesday PM	A3-2	Zhang	Zhengyang	Application of an age-structured model to anchovy population in the Yellow Sea: Effects of fishing moratorium and selective fishing
11100	A3-3	Fostier	Louis	Long-time behavior of quasilinear size-structured population models with separable growth rate
Chair : David Manceau				
Tuesday PM	B3-1	Huang	Chengming	Highly accurate numerical methods for Volterra integral equations with weakly singular solutions
17/06	B3-2 B3-3	Vaginay Dhaouadi	Athénaïs Nessim	Abstract simulation of ODEs Adaptation in shifting and size-changing environments under selection
Tuesday PM 17/06	C3-1 C3-2 C3-3			
Chair : Jianhong Wu				
Wednesday June 18 9 AM – 10 AM Chair : Ousmane Seydi	PLENARY-4	Han	Maggie	A random age-structured population model.
Wednesday AM	A4-1	Adimy	Mostafa	Multi-serotype nested immuno-epidemiological model for dengue hemorrhagic fever involving backward bifurcation and Serotype invasion
10/00	A4-2	Córdova-Lepe	Fernando	From a new concept of infection force towards a contagion's Mechanical theory

Program

Chair : Valentina Lanza

Wednesday AM	B4-1	Ibrahim	Mahmoud A.	Threshold Dynamics in Periodic Compartmental Models with Partial Immunity in Humans and Temperature-Dependent Incubation Period
18/06	B4-2	Kakumani	Bhargav Kumar	Optimal harvesting control for a nonlinear McKendrick-von Foerster equation with generic cost functional
Chair : Kamal Khalil				
Wednesday AM	C4-1	Nali	Ibrahim	Exploring the Allee Effect in a Within-Host Bacterial Infection Model
18/06	C4-2	Fakih	Laurance	Resistance: A Multi-Strain Approach with Time Delays
Chair : Raluca Eftimie Thursday June 19 9 AM – 10 AM Chair : Quentin Griette	PLENARY-5	Gerardo-Giorda	Luca	Patient-specific simulation in support of cardiovascular intervention.
Thursday AM	A5-1	Cantin	Guillaume	Distribution of heterogeneous steady states and long time behavior for a reaction-diffusion forest growth model
19/06	A5-2	El Hajj	Wissam	Regimes and mechanisms of inflammation described by reaction- diffusion systems
Chair : Arnaud Ducrot	55 4			
Thursday AM	B5-1	SUN	QIWEN	I umor cell dynamics in oncolytic virotherapy Modeling the interaction of cytotoxic T-lymphocytes and oncolytic
19/06	B5-2	Deng	Qi	viruses in a tumor microenvironment
Thursday AM 19/06	C5-1 C5-2			
Chair : Mostala Adimy	A6-1	Nakata	Yukihiko	Period-two solution for a class of distributed delay differential equations
Thursday PM	A6-2	Balti	Aymen	Mathematical Modeling of Brain Activity Based on Physiological Signals: A Case Study on Emotional Processes
19/06	A6-3	Lin	Genghong	differential equations with bistable nonlinearity and Delay-dependent coefficient
Chair : Guillaume Cantin				
	B6-1	Zhao	Min	Spreading Properties of a City-Road Reaction-diffusion Model on One-Dimensional Lattice
Thursday PM 19/06	B6-2	Xue	Yeqing	Stability of Planar Traveling Waves for a Class of Lotka–Volterra Competition Systems with Time Delay and Nonlocal Reaction Term

			Program	
	B6-3	Li	Hongliang	Spreading speed for a time-periodic vector-borne disease system on a growing domain
Thursday PM 19/06	C6-1 C6-2 C6-3			
Chair : Michel Langlais Thursday June 19 4:15 PM – 5:15 PM	PLENARY-6	Webb	Glenn	Population Models of Epidemics with Infection Age and Vaccination Age Structure
Chair : Andrea Pugliese Friday June 20 9 AM – 10 AM Chair : Paluca Effimie	PLENARY-7	Eftimie	Raluca	Single scale and multi-scale models of viral infections and anti-viral immune responses
Eriday AM	A7-1	Pugliese	Andrea	Self-regulation and resource dependent growth rates: a size-
20/06	A7-2	Herrera	Franco	Asymptotic behavior of the solutions to the Gurtin-MacCamy's Population model
Chair : David Manceau				
Friday AM 20/06	B7-1 B7-2	Raoul Burie	Gaël Jean-Baptiste	Measure-valued solutions for a structured population with transfers Asymptotic behaviour of an epidemic model in measure space
Friday AM	C7-1	Nag	Soumak	Dynamical analysis of a nonlinear age-structured SIS model with individual movement
20100	C7-2			
Chair : Quentin Griette Friday June 20 2 PM – 3 PM	PLENARY-8	Ruan	Shigui	The Work of Pierre Magal on Differential Equations, Functional Analysis and Mathematical Biology