NetCo 2014 Conference, 23-27 June 2014, Tours
Scientific Programme

	Monday 23		Tuesday 24		Wednesday 25		Thursday 26		Friday 27	
08:50 - 09:00	**Opening Session**									
09:00 – 10:00	**P1**		**P3**		**P5**		**P7**		**P9**	
10:00 – 10:30	*Coffee break*		*Coffee break*		*Coffee break*		*Coffee break*		*Coffee break*	
10h30 – 12h30	**Courses 1&2** (2*1h)	**S1** Differential Games	**Courses 1&2** (2*1h)	**S4** HJ - Singularities	**Courses 1&2** (2*1h)	**S7** Num./Feedback	**Courses 1&2** (2*45 min) + 1 talk	**S8** Applied OCP	**S11** Num OCP	**S12** HJB
									Lunch	
12:30 – 14:00	*Lunch*		*Lunch*		*Lunch*		*Lunch*		**P10**	
14:00 – 16:00	**S2** Optimality conditions	**S3** Homogenization	**S5** Optimality conditions	**S6** Traffic	**P6**		**S9** Control of PDEs	**S10** MFG	**P11**	
					Free time					
16:00 – 16:30	*Coffee break*		*Coffee break*		*Social event*		*Coffee break*			
16:30 – 17:30	**P2**		**P4**				**P8**			
17:30 - 19:30			Poster session I				Poster session II			
19:30 - 23:00					*Gala Dinner*					

MONDAY 23

P1	09:00 - 10:00	**Evans Lawrence C.**	**TBA**
C1 - C2	10:30 - 11:30	**Alberto Bressan**	Traffic flow on networks: modeling, optimization, and Nash equilibria
	11:30 - 12:30	**Fabio Camilli**	Hamitlon-Jacobi equations on networks
S1: Differential Games	10:30 - 11:00	**Akian Marianne**	Policy iteration for stochastic zero-sum games
	11:00 - 11:30	**Bagagiolo Fabio**	Differential games with exit costs
	11:30 - 12:00	**Nguyen Tien Khai**	A game-theoretical model of debt and bankruptcy
	12:00 - 12:30	**Sylvain Sorin**	Asymptotic analysis of discounted zero-sum games: some recent advances.
S2: Optimality conditions	14:00 - 14:30	**Rampazzo Franco**	"Limit solutions" for control systems.
	14:30 - 15:00	**Aronna Maria-Soledad**	Quick reachability and proper extension of problems with unbounded controls
	15:00 - 15:30	**Ghezzi Roberta**	Regularization of chattering phenomena via bounded variation controls
	15:30 - 16:00	**Jean Frédéric**	Complexity of control-affine motion planning
S3:Homogenization	14:00 - 14:30	**Bardi Martino**	Viscosity methods for multiscale financial models with stochastic volatility
	14:30 - 15:00	**Forcadel Nicolas**	From discrete microscopic models to macroscopic models and applications to traffic flow
	15:00 - 15:30	**Siconolfi Antonio**	Asymptotic models for Hamilton--Jacobi--Bellman equations
	15:30 - 16:00	**Tchou Nicoletta**	Homogenization results for a deterministic multi-domains periodic
P2	16:30 - 17:30	**Cannarsa Piermarco**	Compactness estimates for Hamilton-Jacobi equations

TUESDAY 24

P3	09:00 - 10:00	**Coron Jean-Michel**	Control of 1-D hyperbolic systems
C1 - C2	10:30 - 11:30	**Alberto Bressan**	Traffic flow on networks: modeling, optimization, and Nash equilibria
	11:30 - 12:30	**Fabio Camilli**	Hamitlon-Jacobi equations on networks
S4: HJ singularities	10:30 - 11:00	**Mazzola Marco**	Propagation of singularities for semiconcave solutions of Hamilton-Jacobi equations
	11:00 - 11:30	**Hermosilla Cristopher**	Infinite horizon problems on stratifiable state constraints sets
	11:30 - 12:00	**Colombo Giovanni**	On the singularities of minimum time function for normal linear control systems
	12:00 - 12:30	**Sedrakyan Hayk**	Stability of value functions for state constrained Bolza problems
S5: Optimality conditions	14:00 - 14:30	**De Pinho Maria Do Rosario**	Necessary Conditions for Implicit and DAE Control Systems
	14:30 - 15:00	**Dmitruk Andrei**	Necessary conditions in optimal control problems with integral equations of Volterra type
	15:00 - 15:30	**Poggiolini Laura**	Bang-bang trajectories with a double switching time in the minimum time problem
	15:30 - 16:00	**Maurer Helmut**	The minimum principle for state-constrained optimal control problems with time delays
S6: Traffic	14:00 - 14:30	**Chambolle Antonin**	variational curvature flows
	14:30 - 15:00	**Achdou Yves**	Hamilton-Jacobi equations on networks as limits of singularly perturbed problems in optimal control: dimension reduction
	15:00 - 15:30	**Cristiani Emiliano**	Modeling and control of pedestrian behaviors: an environment optimization approach
	15:30 - 16:00	**Imbert Cyril**	A junction condition by homogenization
P4	16:30 - 17:30	**Schaettler Heinz**	Optimal control problems for mathematical models of cancer treatments

WEDNESDAY 25

P5	09:00 - 10:00	**Shu Chi-Wang**	Discontinuous Galerkin method for Hamilton-Jacobi equations and front propagation with obstacles
C1 - C2	10:30 - 11:30	**Alberto Bressan**	Traffic flow on networks: modeling, optimization, and Nash equilibria
	11:30 - 12:30	**Fabio Camilli**	Hamitlon-Jacobi equations on networks
S7: Num./Feedback Control	10:30 - 11:00	**Xausa Ilaria**	Software for verification of collision avoidance algorithms via Optimal Control Techniques.
	11:00 - 11:30	**Kalise Dante**	Conditional consensus rmergence under decentralized controls
	11:30 - 12:00	**Axel Kroener**	Numerical methods for optimal control of the wave equation
	12:00 - 12:30	**Junge Oliver**	Dynamic programming using radial basis functions
P6	14:00 - 15:00	**Lions Pierre-Louis**	**TBA**

THURSDAY 26

P7	09:00 - 10:00	**Sager Sebastian**	Mixed-integer optimal control: algorithms and applications
C1 - C2	10:30 - 11:15	**Alberto Bressan**	Traffic flow on networks: modeling, optimization, and Nash equilibria
	11:15 - 12:00	**Fabio Camilli**	Hamitlon-Jacobi equations on networks
Talk	12:00 - 12:30	**Jean-Patrick Lebacque**	Bidimensional traffic flow models
S8: Applied OCP	10:30 - 11:00	**Ledzewicz Urszula**	Sufficient conditions for strong local optimality with applications to biomedical problems
	11:00 - 11:30	**Bonnans J. Frederic**	Optimization of running strategies based on anaerobic energy and variations of velocity
	11:30 - 12:00	**Ferreira M. Margarida**	Optimality in the management of hydroelectric power stations in cascade
	12:00 - 12:30	**Li Huijuan**	Continuous and piecewise affine Lyapunov functions using the Yoshizawa construction
S9: Control of PDEs	14:00 - 14:30	**Boscain Ugo**	The heat equation associated to a time-optimal control problem linear in the control
	14:30 - 15:00	**Mario Annunziato**	Optimal control of stochastic processes via probability density distribution function control
	15:00 - 15:45	**Pesch Hans Josef**	New contributions to theory and numerics for state-constrained elliptic optimal control problems
S10: Mean field games	14:00 - 14:30	**Olivier Gueant**	Mean field games on graphs
	14:30 - 15:00	**Maldonado Lopez Juan Pablo**	Discrete time mean field games: the short-stage limit
	15:00 - 15:30	**Silva Francisco**	Semi-Lagrangian schemes for second order Mean field games problems
	15:30 - 16:00	**Tonon Daniela**	Degenerate second order mean field games systems
P8	16:30 - 17:30	**Piccoli Benedetto**	Multiscale models for vehicular traffic and crowd dynamics

FRIDAY 27

P9	09:00 - 10:00	**Souganidis Panagiotis**	**TBA**
S11: Numerical OCP	10:30 - 11:00	**Knauer Matthias**	Parametric sensitivity analysis and real-time optimal control using TransWORHP
	11:00 - 11:30	**Zanon Mario**	Indefinite linear MPC and approximated economic MPC for nonlinear systems
	11:30 - 12:00	**Michael Johannes**	On the optimization of Riemann-Stieltjes-control-systems with application in vehicle dynamics
S12: Numercial methods for HJB equations	10:30 - 11:00	**Festa Adriano**	Reconstruction of independent sub-domains in a Hamilton-Jacobi equation and its application to parallel calculus
	11:00 - 11:30	**Costeseque Guillaume**	Numerical approach for Hamilton-Jacobi equations on a network: application to traffic
P10	13:00 - 14:00	**Vinter Richard**	Necessary conditions in dynamic optimization
P11	14:00 - 15:00	**Monneau Régis**	**TBA**