














Monday

Hall C	
08:45 – 09:00	Opening
09:00 – 09:45	R. V. Gamkrelidze <i>The Pontryagin derivative in optimal control</i>
09:45 – 10:30	N. P. Osmolovskii <i>Second-order conditions in optimal control</i>
10:30 – 11:15	J. F. Bonnans <i>Weak and Pontryagin minima of optimal control problems</i>
11:15 – 11:45	Coffee 
11:45 – 12:30	B. S. Mordukhovich <i>Variational analysis and optimal control of semilinear evolution and partial differential inclusions</i>
12:30 – 13:15	Z. Artstein <i>Pontryagin maximum principle for coupled slow and fast dynamics</i>
13:30 – 14:30	Lunch 
Hall C	Hall A
15:00 – 15:35	A. V. Arutyunov <i>Sufficient optimality conditions for infinity dimensional optimization problems</i>
	V. Krotov <i>Quantum systems control and constructive methods of the optimal control theory</i>
15:35 – 16:10	A.V. Dmitruk <i>The Pontryagin maximum principle: half a century on</i>
	U. Ledzewicz <i>Singular controls and chattering arcs in syntheses of optimal solutions for mathematical models in biomedicine</i>
16:10 – 16:45	Z. Pales <i>First and second-order conditions for strong local minimum in control problems with state constraints</i>
	H. J. Pesch <i>State constrained optimal control of coupled systems of ODEs and PDEs with applications to hypersonic flight</i>
16:45 – 17:15	Coffee 
17:15 – 17:50	U. Felgenhauer <i>Sensitivity results for bang-bang control problems</i>
	E. Trelat <i>A penalization approach for tomographic reconstruction of binary axially symmetric objects</i>
17:50 – 18:25	A. Hermant <i>Stability analysis of optimal control problems with a second-order state constraint</i>
	K. Kunisch <i>Semi-smooth Newton methods and applications</i>
19:00 – 20:00	Dinner 
Hall C	
20:00 – 21:30	<i>Informal historical session</i>





Tuesday

Hall C	
09:00 – 09:45	J. Warga <i>Taming functions with unbounded variations in optimal control</i>
09:45 – 10:30	F. Clarke <i>Control theory and nonsmooth analysis</i>
10:30 – 11:15	P. R. Wolenski <i>Impulsive systems</i>
11:15 – 11:45	Coffee 
11:45 – 12:30	R. Vinter <i>Metric regularity theorems and applications to state constrained optimal control</i>
12:30 – 13:15	H. Maurer <i>Theory, numerics and applications of optimal control problems with control and state delays</i>
13:30 – 14:30	Lunch 
Hall C	Hall A
15:00 – 15:35	G. Avalos <i>Numerical approximations to null controllers for nonstandard parabolic equations</i>
	S. Necasova <i>Shape sensitivity analysis of Incompressible Maxwell-Boussinesq problem</i>
15:35 – 16:10	M. I. Krastanov <i>Control variations of higher order and small-time local controllability</i>
	D. Tiba <i>Existence in shape optimization</i>
16:10 – 16:45	Y. S. Ledyev <i>Nonsmooth analysis and discontinuous feedback: Applications to optimal team pursuit</i>
	E. Casas <i>Exact penalization of pointwise constraints for optimal control problems</i>
16:45 – 17:15	Coffee 
17:15 – 17:50	S. Pickenhain <i>On infinite horizon optimal control problems</i>
	A. Leizarowitz <i>Convergence to steady-state of nonlinear distributed optimal control systems</i>
19:00 – 20:00	Recital of WIENIAWSKI QUARTET 
20:00 – 21:00	Dinner 




Wednesday

Hall C	
09:00 – 09:45	G. Butazzo <i>Optimal location of Dirichlet regions for elliptic PDEs</i>
09:45 – 10:30	I. Lasiecka <i>Boundary feedback control in coupled PDE control systems</i>
10:30 – 11:15	H. Frankowska <i>Normality of the maximum principle for optimal control problems under state constraints</i>
11:15 – 11:45	Coffee 
11:45 – 12:30	H. J. Sussmann <i>Topological vs. limiting arguments in the proofs of versions of the Pontryagin maximum principle</i>
12:30 – 13:15	R. Triggiani <i>The critical case of clamped thermo-elastic systems with interior point control: Optimal interior and boundary regularity results</i>
13:30 – 14:30	Lunch 
14:30 – 19:30	Excursion to Poznań 
19:30 – 21:00	Barbecue 

Thursday

Hall C		
09:00 – 09:45	T. Rockafellar <i>Hamiltonian trajectories in mathematical economics</i>	
09:45 – 10:30	A. L. Dontchev <i>Implicit function theorems for iterative processes</i>	
10:30 – 11:15	A. Bressan <i>On Nash equilibrium feedback solutions to non-cooperative differential games</i>	
11:15 – 11:45	Coffee 	
11:45 – 12:30	W. W. Hager <i>Discrete approximation in optimal control</i>	
12:30 – 13:05	M. R. de Pinho <i>A weak nonsmooth maximum principle and mixed constrained optimal control problems</i>	
13:30 – 14:30	Lunch 	
	Hall C	Hall A
15:00 – 15:35	B. Bonnard <i>Singular trajectories in time optimal control with applications</i>	P. Cannarsa <i>Hölder regularity results for solutions of Hamilton-Jacobi equations</i>
15:35 – 16:10	L. Rifford <i>Mass transportation on sub-Riemannian manifolds</i>	M. Falcone <i>Recent advances in the numerical approximation of pursuit-evasion games via Isaacs equation</i>
16:10 – 16:45	L. Poggiolini <i>Second order conditions and Hamiltonian flows</i>	J.-P. Raymond <i>Local feedback stabilization of a fluid-structure model</i>
16:45 – 17:15	Coffee 	
17:15 – 17:50	R. J. Stern <i>The exterior sphere property vs. proximal smoothness</i>	A. Święch <i>Viscosity solutions of second order PDE in Hilbert spaces and applications</i>
19:00 – 21:00	Banquet 	

Friday

Hall C		
09:00 – 09:45	V. M. Tikhomirov <i>On some methods, calculi, phenomena, principles and results in the theory of extremum</i>	
09:45 – 10:30	B. Jakubczyk <i>Invariants of control systems and optimal problems</i>	
10:30 – 11:15	A. Agrachev <i>Any sub-Riemannian manifold possesses strictly normal geodesics</i>	
11:15 – 11:45	Coffee 	
11:45 – 12:30	W. Respondek <i>Integrability of optimal controls in sub-Riemannian problems</i>	
12:30 – 13:05	P. D. Loewen <i>Applied optimization and control problems</i>	
13:30 – 14:30	Lunch 	
Hall C		Hall A
15:00 – 15:35	E. Farkhi <i>Stability, approximation and relaxation of differential Inclusions and the one-sided Lipschitz condition</i>	J. P. Zolesio <i>Control formulation for Euler flow</i>
15:35 – 16:10	V.I. Gurman <i>Degeneracy and generalized solutions of optimal control problems</i>	J. Outrata <i>On a class of optimal control problems arising within mathematical programs with equilibrium constraints</i>
16:10 – 16:45	N. K. Ribarska <i>On the existence of solutions to differential inclusions with non-convex right-hand side</i>	V. M. Veliov <i>Approximations to control systems: error analysis</i>
16:45 – 17:15	Coffee 	
17:15 – 17:50	M. Quincampoix <i>Control systems with an Impulse part driven by measures</i>	M. I. Zelikin <i>Chattering control in infinite-dimensional spaces</i>
17:50 – 18:25	A. J. Zaslavski <i>Nonoccurrence of the Lavrentiev phenomenon for many constrained variational problems without convexity assumptions</i>	T. Zolezzi <i>A mathematical view of sliding mode control</i>
19:00 – 20:00	Dinner 