

PROGRAM

	Tuesday, July 20	Wednesday, July 21	Thursday, July 22
9:00 - 9:30		Talks	Talks
9:30 - 10:30	Registration	Invited talk: Casas	
10:30 - 11 :00	Opening Ceremony	Coffee break	Coffee break
11:00 - 12: 00	Invited talk: Menaldi	Invited talk: Mordukhovich	Invited talk: Torres
12:00 - 13:00	Talks	Talks	Talks
13:00 - 14:30	Lunch pause	Lunch pause	Lunch pause
14:30 - 15:30	Talks	Talks	Talks
15:30 - 16:30	Invited talk: Hintermüller	Invited talk: Hiriart-Urruty	
16:30 - 17:00	Coffee break	Coffee break	Coffee break
17:00 - 18:00	Talks	Talks	Talks
20:00 - 24:00		Dinner	

Program

Tuesday, July 20th.

- 9:00 - 10:30. Registration
- 10:30 - 11:00. Opening Ceremony
- 11:00 - 12:00. Invited talk: **From Calculus to Stochastic Optimal Control Modeling**
José Luis Menaldi, Wayne State University, USA.
- 12:00 - 12:30. **Numerical analysis of the convergence of distributed optimal control problem with respect to a parameter**
D. A. Tarzia, CONICET - Dpto. Matemática, FCE, Univ. Austral, Rosario, Argentina.
- 12:30 - 14:30. Lunch pause
- 14:30 - 15:00. **Convergence of a family of boundary optimal control problems governed by elliptic variational inequalities**
C. M. Gariboldi, Dpto de Matemática, FCEFQyN, UNRC, Río Cuarto, Argentina.
- 15:00 - 15:30. **Optimal control of variational inequalities of the second kind**
J.C. De Los Reyes, Dpto. de Matemática, Escuela Politécnica Nacional, Quito, Ecuador.
- 15:30 - 16:30. Invited talk: **Mathematical Programs with Equilibrium Constraints in Function Space**
Michael Hintermüller, Humboldt-Universität zu Berlin, Germany.
- 16:30 - 17:00. Coffee break
- 17:00 - 17:30. **Multigrid second-order accurate solution of parabolic control-constrained problems**
S. González Andrade, Research Group on Optimization, Dpto. de Matemática, Escuela Politécnica Nacional, Quito, Ecuador. Institut für Mathematik und Wissenschaftliches Rechnen, Karl-Franzens-Universität Graz, Heinrichstr. 36, 8010 Graz, Austria.
- 17:30 - 18:00. **Simulation and Control of Urban Traffic**
Fernando J. Mayorano, CONICET- PLADEMA, UN del Centro, Tandil, Argentina.

Wednesday, July 21st.

- 9:00 - 9:30. **A state constraints set sufficient condition for an optimal control problem with a Radon measure in the dynamics**
Eduardo Philipp, CONICET - UNR, Rosario, Argentina.
- 9:30 - 10:00. **Invited talk: Approximation of Dirichlet Boundary Control Problems on Curved Domains**
Eduardo Casas, Universidad de Cantabria, Santander, España.
- 10:30 - 11:00. Coffee break
- 11:00 - 12:00. Invited talk: **Variational analysis in semi-infinite and infinite optimization**
Boris Mordukhovich, Wayne State University, Detroit, Michigan, USA.
- 12:00 - 12:30. **Optimal control of state constrained integral equations**
Constanza de la Vega, CONICET Dpto de Matematica, FCEN, UBA, Buenos Aires, Argentina.
- 12:30 - 13:00. **Optimization applied to the state estimation of a power network**
Mariano Risso, PLADEMA, UN del Centro, Tandil, Argentina.
- 13:00 - 14:30. Lunch pause
- 14:30 - 15:00. **On second-order optimality conditions for multiobjective optimization**
M.C. Maciel, Dpto. de Matemática, UNS, Bahía Blanca, Argentina.
- 15:00 - 15:30. **A new sequential optimality condition for constrained optimization and algorithmic consequences**

Roberto Andreani, Department of Applied Mathematics, Institute of Mathematics, Statistics and Scientific Computing, University of Campinas, Campinas SP, Brazil.

- 15:30 - 16:30. Invited talk: **Relax ! This is just a question of rank...**
Jean-Baptiste Hiriart-Urruty, Institute of Mathematics, PAUL SABATIER University, Toulouse, France.
- 16:30 - 17:00. Coffee break
- 17:00 - 17:30. **Local behavior of an Augmented Lagrangian method for degenerate nonlinear programming**
D. Fernandez, FaMAF - Universidad Nacional de Córdoba. Córdoba, Argentina.
- 17:30 - 18:00. **Prox- penalization and splitting methods for constrained variational problems**
J.Peypouquet, Universidad Técnica Federico Santa María , Chile.
- 20:00:00 Workshop Dinner

Thursday, July 22nd.

- 9:00 - 9:30. **Constructing q-cyclic Games with Unique prefixed Equilibrium**
L.G. Quintas, IMASL - CONICET, Dpto de Matemáticas, FCFMN, UNSL, Argentina.
- 9:30 - 10:00. **A condition of Hamiltonicity over Cayley digraphs on generalized dihedral groups**
A.G. Pastine, Dpto de Matemáticas, FCFMN, UNSL, Argentina.
- 10:00 - 10:30. **Multi-objective optimization in job-shop-like production processes**
M. Frutos, Dpto de Ingeniería, UNS, Bahía Blanca , Argentina.
- 10:30 - 11:00. Coffee break
- 11:00 - 12:00. Invited talk: **Modeling the dynamic behavior of discrete deterministic dynamic systems**
Luis Miguel Torres, Escuela Politécnica Nacional, Quito, Ecuador.
- 12:00 - 12:30. **Sub-Riemannian view-point for the Foucault pendulum**
F. Monroy-Perez, Dpto de Ciencias Basicas, UAM-Azcapotzalco, Mexico D.F.
- 12:30 - 13:00. **Numerical solutions to the hydrothermal coordination problem considering an oligopolistic market structure**
Aldo Rubiales, CONICET- PLADEMA, UN del Centro, Tandil, Argentina.
- 13:00 - 14:30 Lunch pause
- 14:30 - 15:00. **Control fraccional de un proceso de segundo orden con integrador puro**
S.O. Laboret, LIMAC, FCEFN, UNC, Córdoba, Argentina.
- 15:00 - 15:30. **Feedback stabilisation of switched systems via iterative approximate eigenvector assignment**
H. Haimovich, CONICET; LSDPI, Dpto. de Control, FCEIA-UNR, Rosario, Argentina.
- 15:30 - 16:00. **Estimación de parámetros funcionales en flujo bidimensional agua-petróleo**
M. A. Morelli, CONICET, Lab. de Ingeniería de Reservorios, IGPUBA y Dpo de Ingeniería Química, FI, UBA, Argentina.
- 16:00 - 16:30 **Modelo integrado en el tiempo de simulación y optimización de venta y reposición de contenedores**
J. P. D'Amato, CONICET-PLADEMA, UN del Centro, Tandil, Argentina.
- 16:30 - 17:00. Coffee break
- 17:00 - 17:30. **A bilevel problem related to traffic air pollution**
J. Walpen, CONICET - UNR, Rosario, Argentina.
- 17:30 - 18:00. **Utilización de RBFs para la interpolación de datos barimétricos**
N. Caruso, UNR, Rosario, Argentina.