

French Latin-American Conference on New Trends in Applied Mathematics 2019

On the occasion of the 80th anniversary of the CNRS

Workshops (parallel sessions) overview

SPET

Stochastic Processes and Ergodic Theory

Chair: Joaquín Fontbona

OPT

Optimization

Chair: Héctor Ramírez

MMIP

Mathematical Mechanics and Inverse Problems

Chair: Axel Osses

PDE

Partial Differential Equations

Chairs: Claudio Muñoz & Michal Kowalczyk

A&C

Algorithms and Combinatorics

Chair: Maya Stein

NPDE

Numerical Methods for Partial Differential Equations

Chair: Mauricio Sepúlveda

BIO

Biomathematics

Chairs: Alejandro Maass & Héctor Ramírez

Parallel Sessions W1, 11:00-12:30

SPET	Scaling limits of random processes and structures / Organizer: Joaquín Fontbona Thierry Huillet, Jean-Stephen Dhersin, Hagop Tossounian	Open Space
OPT	Energy markets / Organizers: Tito Homen-de-Mello & Héctor Ramírez Alejandro Jofré, Didier Aussel, Alexandre Street	D'Etigny
MMIP	Control of PDEs I / Organizers: Eduardo Cerpa, Carlos Conca, Jaime Ortega Sebastián Zamorano, Charles Dapogny, Cristhian Montoya	B04
PDE	PDE I / Organizers: Claudio Muñoz & Michal Kowalczyk Van den Bosch, Carlos Román, Olivier Goubet	CMM 7th floor
A&C	Graph classes and algorithms / Organizer: Maya Stein Gelasio Salazar, Cristina Fernandes, Mario Valencia-Pabón	DIM 5th floor
NPDE	Numerical Analysis I / Organizers: David Mora, Manuel Solano, Mauricio Sepúlveda Pablo Venegas, Michael Karkulik, Rodolfo Araya	CMM 6th floor

Parallel Sessions W2, 14:00-16:00

SPET	Ergodic theory and dynamical system I / Organizers: Sebastián Donoso Jairo Bochi, Yuri Lima, Rodolfo Gutiérrez	Open Space
OPT	Energy & optimal control / Organizers: Cristopher Hermosilla Carrillo-Galvez, Anna Désilles, María Soledad Aronna	D'Etigny
MMIP	Control of PDEs II / Organizers: Eduardo Cerpa, Carlos Conca, Jaime Ortega Exequiel Mallea, Roberto Morales, Nicolás Carreño	B04
PDE	PDE I / Organizers: Claudio Muñoz & Michal Kowalczyk Matteo Rizzi, Jean Dolbeault, Oscar Jarrín	CMM 7th floor
A&C	Random graphs and limits / Organizer: Maya Stein Dieter Mitsche, Hiệp Hàn	DIM 5th floor
NPDE	Numerical Analysis II / Organizers: David Mora, Manuel Solano, Mauricio Sepúlveda Manuel Sánchez, David Mora, Mauricio Sepúlveda	CMM 6th floor

Parallel Sessions Th1, 11:00-12:30

SPET	Stochastic Modeling and Data Science / Organizers: Felipe Tobar & Joaquín Fontbona Elsa Cazelles, Claire Delplancke, Pablo Groisman	Open Space
OPT	Controlled biological dynamical systems / Organizers: Pedro Gajardo & Héctor Ramírez Alain Rapaport, Olga Vasilieva, Diego Vicencio	D'Etigny
MMIP	Inverse problems I / Organizers: Eduardo Cerpa, Carlos Conca, Jaime Ortega François Murat, Sergio Gutiérrez, Nicolás Lebbe	B04
PDE	PDE II / Organizer: Mircea Petrache Jacek Jendrej, Simona Rota-Nodari, Sergio Gutierrez,	CMM 7th floor
A&C	Structural graph theory / Organizer: Maya Stein Fábio Botler, Daniel Quiroz, César Hernández-Cruz	DIM 5th floor
NPDE	Numerical Analysis III / Organizers: David Mora, Manuel Solano, Mauricio Sepúlveda Ignacio Muga, Alexandre Ern, Thomas Führer	CMM 6th floor
BIO	Controlled biological dynamical systems / Organizers: Pedro Gajardo & Héctor Ramírez Alain Rapaport, Olga Vasilieva, Diego Vicencio	D'Etigny

Parallel Sessions Th2, 14:00-16:00

SPET	Random models in mathematical physics / Organizer: Daniel Remenik Gregorio Moreno, Tertuliano Franco, Avelio Sepulveda	Open Space
OPT	Combinatorial optimization / Organizer: José Verschae Andreas Wiese, Diego Morán, Gonzalo Muñoz	D'Etigny
MMIP	Inverse problems II / Organizers: Eduardo Cerpa, Carlos Conca, Jaime Ortega Rodrigo Lecaros, Gino Montesinos, Joaquín Mura	B04
PDE	PDE II / Organizer: Mircea Petrache Diego Paredes, Cristobal Guzmán, Rodolfo Viera	CMM 7th floor
A&C	Extremal graph theory and coloring / Organizer: Maya Stein Carlos Hoppen, Guilherme Mota, Kolja Knauer	DIM 5th floor
NPDE	Numerical Analysis IV / Organizers: David Mora, Manuel Solano, Mauricio Sepúlveda Carlos Pérez, Paulina Sepúlveda, Noureddine Igbida	CMM 6th floor
BIO	Mathematical modeling for natural resources and cancer progression / Organizers: Alejandro Maass & Héctor Ramírez Karina Vilchez, Héctor Oliveros, Gérard Olivar	DIM 4th floor

Parallel Sessions F1, 11:00-12:30

SPET	Stochastic analysis / Organizer: Joaquín Fontbona Jaime San Martín, Victor Rivero, Antoine Brault	Open Space
OPT	New results on support vector machines and conic programming / Organizer: Héctor Ramírez Paulo Silva, Julio López, Gabriel Haeser	D'Etigny
PDE	PDE III / Organizer: Erwin Topp Juan Carlos Pozo, Alexander Quaas	CMM 7th floor

Parallel Sessions F2, 14:00-16:00

SPET	Ergodic theory and dynamical systems II / Organizer: Alejandro Maass Paulina Cecchi, Sebastián Donoso, María Isabel Cortez	Open Space
OPT	New trends in algorithmics and learning / Organizers: Mario Bravo & Héctor Ramírez Mikhael Solodov, Roberto Andreani, Sylvain Sorin	D'Etigny
PDE	PDE III / Organizer: Erwin Topp Gonzalo Dávila, Julián Fernández, Julio Rossi	CMM 7th floor