

Poster Session

Note: You may start displaying your poster **from Monday** onwards. Please **use the panel number corresponding to your poster** in the list below.

TUESDAY, March 3 (5:30 PM – 6:30 PM), hall of the Carnot building

Theoretical and Numerical Analysis of PDEs	
1	Sofian Abahmami : <i>Nonlinear infinite-dimensional systems with both unbounded control and observation operators</i>
2	Virgile Bertrand : <i>The Structural Method for Partial Differential Equations</i>
3	Mohamad El Hajj Chehade : <i>Analysis of a degenerate parabolic system modelling the dynamics of cells in intestinal crypts</i>
4	Grégoire Elinck : <i>Stabilization of Hyperbolic systems : the F-equivalence Problem</i>
5	Nicolas Hertel : <i>From Stokes to Viscoelastic Rheology: A Unified Theoretical and Numerical Framework</i>
6	Ilham Ouelddris : <i>Logarithmic Convexity and impulse Approximate Controllability for Degenerate Parabolic Equations with Robin Boundary Conditions</i>
7	Mohand Ouidir Amirat : <i>On the Stability of 2x2 Linear Weakly Hyperbolic Systems of Balance Laws: An Application to Wastewater Treatment</i>

Probability, Statistics, Optimal Transport, and Machine Learning	
8	Gaetano Agazzotti : <i>Adapted network-simplex algorithm for unbalanced optimal transport</i>
9	Elise Bonnet Weill : <i>A reduced-order model for parametrized optimal transport problems.</i>
10	Thibault De Surrel : <i>Wrapped Gaussian on Hadamard manifolds</i>
11	Viviana Gavilanes : <i>Mathematical modeling and parameter inference of telomere length regulation in yeast</i>
12	Simone Maria Giancola : <i>Low-degree lower bounds via almost orthonormal bases</i>
13	Taha Lachab : <i>Non-parametric estimation of the Lost Lifetime in cancer registries: A deconvolutional approach</i>
14	Julien Lalanne : <i>Random Process Flow Matching: Generative Implicit Representations of Multivariate Random Fields</i>
15	Alexandre Loret : <i>Efficient methods for spatio-temporal models estimation</i>
16	Théo Moret : <i>Online learning : new regret guarantees for non-exponentially contractive systems</i>
17	Dominika Mosur : <i>Ellipsoidal Small Sets for Multivariate Time Series</i>
18	Hajar Nafia : <i>The Contribution of Solving Linear Complementarity Problems and Applications to the Valuation of American Options</i>
19	Cyril Nefzaoui Blanchard : <i>Deep BSDE method for Quantile Hedging</i>
20	Orlane Rossini : <i>Model-based reinforcement learning for controlling piecewise deterministic semi-Markov processes partially observed</i>
21	Razak Christophe Sabi Gninkou : <i>Scalable multitask Gaussian processes for complex systems with functional covariates</i>
22	Mohamadou Salifou : <i>Cyclists route choice modeling in urban areas : a mode-constrained mixture approach</i>
23	Idamar Soumaya : <i>Application of Some Machine Learning Algorithm to Electrical Impedance Tomography</i>
24	Manganaw N'daam : <i>Robust Wavelet-Based Methods for Long-Memory Time Series: Asymptotic Analysis of the NKK Periodogram</i>

Biomathematics, Mathematical physics, and Engineering applications	
25	Alejandro Barea Moreno : <i>Dérivation de limites macroscopiques pour des particules "Run-and-Tumble" avec hétérogénéité de vitesse et chimiotaxie</i>
26	Soukaina Ben Rhila : <i>Optimal control of a phytoplankton-zooplankton spatiotemporal discrete bioeconomic model</i>
27	Abdellah Bulaich Mehamdi : <i>Tarifcation électrique horo-saisonnière : optimisation bi-niveaux et flexibilité</i>
28	Margherita Bruno : <i>Biologically informed model selection for phylogenetic data, in the context of JAK2-V617F driven Myeloproliferative Neoplasms</i>
29	Remi Caresche : <i>Trajectory optimization for non cooperative RPO</i>
30	Morgane Doukhan : <i>Study of control strategies for sterile insect technique, using unisexual and bisexual releases</i>
31	Lucie Groussy : <i>Geometric optimization of immersed boundaries with Penalized Direct Forcing method</i>
32	Aude Klein : <i>Multimodal brain MRI and behavioural tests in a mouse model of Down Syndrome: impact of a treatment in utero</i>
33	Perla Mallouk : <i>Mathematical Modeling of Neuroblastoma Growth Based on Tumoroid data</i>
34	Leo Micollet : <i>Mosquito Population Dynamics Under Sterile Insect Control</i>
35	Julien Pierrat : <i>An Immersed Boundary Method Based on Penalized Direct Forcing with Immersed Wall Functions using RANS k-ω SST Modeling for Nuclear Safety Device Simulations</i>
36	Rachel Roux : <i>Investigating the use of the Discrete Quantum Walk to solve Combinatorial Optimization Problems</i>
37	Gouled Souleiman : <i>Mathematical modeling of active regeneration via a facilitator species strategy: stability and bifurcations</i>
38	Eliot Thys : <i>Cosserat equation and modelling of snake locomotion</i>
39	Lucas Vaudron : <i>Modelling and contact control of slender locomotors- Applications to bio-inspired robotic</i>