

Session III: Numerical PDEs

Thursday Afternoon

Time	Speaker and Title
11:00 - 11:25	Noureddine Lamsahel Outlier-free isogeometric discretizations for Laplace eigenvalue problems: closed-form eigenvalue and eigenvector expressions.
11:25 - 11:50	Abou Cisse Multi-Patch Space-Time Isogeometric Discontinuous Galerkin Method for Hamilton–Jacobi Equations.
11:50 - 12:15	Mohammed Amraoui Generalization error estimates for Physics-Informed Neural Networks in the approximation of PDEs.
12:15 - 12:40	Nohayla Alaoui Stability and bifurcation for delay model of cancer immune system interaction.
12:40 - 13:05	Fatima Ismague Alternating Direction Multiplier method to estimate the initial condition in the time-fractional diffusion equation.
13:05 - 13:30	Ibtissam Benamara Analysis of stability in a Predator-Prey eco-epidemic model with cooperative hunting and fear factors.