

Session III: Numerical PDEs

Thursday Afternoon

Time	Speaker and Title
15:45 - 16:10	Noureddine Lamsahel Outlier-free isogeometric discretizations for Laplace eigenvalue problems: closed-form eigenvalue and eigenvector expressions.
16:10 - 16:35	Abou Cisse Multi-Patch Space-Time Isogeometric Discontinuous Galerkin Method for Hamilton–Jacobi Equations.
16:35 - 17:00	Mohammed Amraoui Generalization error estimates for Physics-Informed Neural Networks in the approximation of PDEs.
17:00 - 17:25	Nohayla Alaoui Stability and bifurcation for delay model of cancer immune system interaction.
17:25 - 17:50	Fatima Ismague Alternating Direction Multiplier method to estimate the initial condition in the time-fractional diffusion equation.
17:50 - 18:15	Ibtissam Benamara Analysis of stability in a Predator-Prey eco-epidemic model with cooperative hunting and fear factors.