Boğaziçi Math Seminar

Blow-up Properties for Nonlinear Stochastic Partial Differential Equations

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Abstract:

During this presentation, I will commence by outlining straightforward conditions that ensure the blow-up of nonlinear ordinary differential equations. I will then look into nonlinear stochastic differential equations and outline a methodology for establishing blow-up conditions. Lastly, I will transition to stochastic partial differential equations, presenting my findings in collaboration with E. Nualart and other colleagues.

Date : Wednesday, November 08, 2023
Time: 13:30
Place: TB 130, Boğaziçi University