

Session title:

Evolution problems and optimal control with applications

Organizers:

N. U. Ahmed, University of Ottawa, Ottawa, Canada

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The session will focus on the recent developments in the theory of nonlinear evolution equations, optimal control theory and related topics including real life problems of mechanics, biology, economics, and medicine. The main topics of the session include, but are not limited to, analysis of solutions of evolution problems and partial differential equations, evolution inclusions, control problems with applications, mathematical modeling of natural systems, variational methods, convex and nonconvex problems, optimization of systems.