



University of Nova Gorica

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## INVITATION TO THE LECTURE

*entitled*

*Main results of the optimal control theory*

**prof. dr. Alexandra Grancharova**  
*Bulgarian Academy of Sciences,  
Institute of Control and System Research*

**Thursday, November 16<sup>th</sup> 2006 at 3pm**  
*Lecture hall P7 of the University of Nova Gorica (Rožna Dolina)*

*A summary of the main results of the optimal control theory will be given. It includes the formulation of a general optimal control problem, the necessary conditions for optimality and the computational techniques for determining the optimal control for general non-linear systems. Two examples will be presented.*

***Kindly invited!***