

UTK PDE Distinguished Lecture Series



Professor Ovidiu Savin
Columbia University

Thursday at 2:50 pm (EST)

October 29 November 5
November 12 November 19
Via Zoom (see website below)

The Monge-Ampère Equation

Abstract: The Monge-Ampère equation plays an important role in many areas of mathematics like geometry, fluid mechanics, optimization, etc. I will give an overview of the classical regularity theory for this equation. I will discuss the theory of weak solutions introduced by Alexandrov, Caffarelli's interior estimates, partial regularity, and some applications to the Minkowski problem and to optimal transportation.



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For more information please see
www.math.utk.edu/~phan/UTK-PDE/

Organized by Dr. Tuoc Phan
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