

The IEEE Cleveland Chapter of Control System Society,
Society of Women Engineers, and HKN Epsilon Alpha
Chapter Jointly Present

The Story of an Enduring Idea:

**From Jean-Victor Poncelet to Active Disturbance
Rejection Control**

**Friday, 3:00 pm, Nov. 20th, 2009
(3:00-3:30: Social hour, 3:30-4:30: Seminar)**

Guest Speaker ----- Dr. Zhiqiang Gao,
Associate Professor of Electrical & Computer Engineering
Director, Center for Advanced Control Technologies
Founder, ADRC Technologies

Stilwell Hall 103
Fenn College of Engineering, Cleveland State University
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Abstract: “The successes of great conquerors and kings are nothing by comparison with the effect of a single great thought which springs into the world and spreads itself steadily and irresistibly...” (Egon Friedell) In this talk for the technical and non-technical audiences alike, we trace the journey of such a thought that is 200 years in the making: from its origin in the Poncelet’s Spring Governor in the 1829 France, to its first revival in Shipanov’s Invariance Principle in the 1939 Soviet Union, and then to its renaissance in Han’s Active Disturbance Rejection Control in the 1995 China, and finally to its present day materialization in the U.S. and the CSU’s venture funded spinoff company.

Refreshment and soft drink will be provided!

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