

MECHANICAL ENGINEERING FACULTY SEMINAR

New graduate student navigating through the Mechanical Engineering department?

Applying to graduate school and want to learn more about the type of research that happens in difference emphasis areas?

Want to learn more about the variety of **research opportunities in Mechanical Engineering?**

Please join us for a seminar series where the Mechanical Engineering Department's distinguished faculty discuss their latest research.

Hosted by
Prof. Al Pisano,
Mechanical Engineering
Department Chair
&
Mechanical Engineering Graduate
Student Council (MEGSCo)

**For 1 unit of credit,
CCN# 56531, SEC 41**

WEDNESDAYS 3-4 P.M. 3110 ETCH

bring your own coffee, we'll bring the donuts!

SEPTEMBER	3	Prof. Al Pisano	Solid-State Bio Sensing
	10	Prof. Arun Majumdar	Energy and Environment Crisis: What can we do?
	17	Prof. Costas Grigoropoulos	Lasers and Nanoengineering
	24	Prof. Francesco Borrelli	Advanced Control Systems for Unmanned and Ground Vehicles
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OCTOBER	1	Prof. Hari Dharan	Sustainable High-Performance Materials
	8	Prof. Paul Wright	Design and Rapid Prototyping for New Products
	15	Prof. Kameshwar Poolla	Control, Modeling, and Optimization: Key Technologies for Integrated Circuit Manufacturing
	22	Prof. Carlos Fernandez-Pello	Prediction of Wildland Fire Development
	29	Prof. Alice Agogino	Embedded Wireless-Networked Intelligent Daylighting Systems
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NOVEMBER	5	Prof. Stephen Morris	On a Similarity Principle Relating Attenuation of Seismic Waves to Creep at Geological Timescales
	12	Prof. Roberto Horowitz	Modeling, Estimation and Control of Freeway Traffic
	19	Prof. Karl Hedrick	Control of Mobile Sensor Networks
	26	No Seminar – Thanksgiving	
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DECEMBER	3	Prof. Xiang Zhang	Manufacturing at Tiny Scale: Introduction to the NSF Center for Nanotechnology