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The School of Electrical Engineering  
and Computer Science Alumni present:

SILICON  
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VALLEY

The Tech Conference for Electrical  
Engineering and Computer  
Science Alumni and Students

**April 18, 2016**

**Nittany Lion Inn, Assembly Room**



# Schedule

- 8:00 a.m. Registration**
- 8:30 a.m. Introduction and Logistics**  
Eric Foreman ('99 EE) and Matthew Graham ('00 CMPEN)
- 8:45 a.m. Welcome Session**  
Raj Acharya, Professor and Director, School of Electrical Engineering and Computer Science
- 8:55 a.m. Presentation of the Department of Electrical Engineering Early Career Recognition Award to Corey Cochrane ('04 EE, '07 MS)**  
Kultegin Aydin, Department Head
- 9:00 a.m. SESSION 1 CHAIR: DARIO REYES ('08 CMPEN)**  
**KEYNOTE: The Evolution of Spaced-Based Magnetometers: Scientific Discovery-Driven Engineering at its Best**  
Corey Cochrane ('04 EE, '07 MS), Jet Propulsion Laboratory, California Institute of Technology
- 9:30 a.m. Lunar Lion – The Millennial Generation in Action**  
Michael Paul, Lunar Lion Program Director
- 10:00 a.m. Morning Break**
- 10:30 a.m. SESSION 2 CHAIR: ROB MASTERS ('85 EE)**  
**Successful Virtual Teams in a Global Environment**  
Mike Erdman, Walter L. Robb Director of Engineering Leadership Development  
Instructor, Engineering Science and Mechanics
- 11:30 a.m. Women in Engineering – What Men Can Do**  
Anita Trnka ('99 EE)
- 12:00 p.m. Lunch**
- 1:15 p.m. SESSION 3 CHAIR: JODI MILLER ('88 CMPSC)**  
**Successful Product Integration**  
Katie Barrett ('68 CMPSC)
- 1:45 p.m. Software Security**  
Gang Tan, Associate Professor, School of Electrical Engineering and Computer Science
- 2:15 p.m. The Chimera Team: Adapting the Agile Scrum Methodology to Applied Research and Development**  
Sara Lego ('01 AERO)
- 2:45 p.m. Afternoon Break**
- 3:15 p.m. SESSION 4 CHAIR: WILL TRACZ ('74 CMPSC)**  
**Organizational Learning When Things Go Wrong**  
Matthew Graham ('00 CMPEN)
- 3:45 p.m. PANEL DISCUSSION: First Encounters - Experiencing Engineering through Internships**  
Participants: David de Matheu, CMPEN sophomore; Ria Bhatia, CMPSC junior; Justin Keenan, EE junior; Amelia Smith, EE senior; Austin Heimark, CMPSC senior; Moderator: Chet McQuaide ('65 EE)
- 4:45 p.m. Closing**  
Eric Foreman ('99 EE) and Matthew Graham ('00 CMPEN)

Further information about the conference is available at:  
[www.siliconhappyvalley.org](http://www.siliconhappyvalley.org)