



Smart Grid Communications

Class Project Presentations by Graduate Students
'RF Communications in Smart Grid (ELE-691)'

Friday, August 9, 2013, 5:30 PM

**4-201 CST (Center for Science and Technology), Department of EECS
Syracuse University**

This event includes five presentations on 'Integration of RF communication circuits and technologies for Smart Grid applications. The following projects will be presented by the graduate students of Electrical Engineering at Syracuse University, followed by an introduction by the course instructor:

- Introduction to Smart Grid Communications

Dr. Hakan P. Partal, Instructor

- High Frequency modeling and matching of Power Lines

By Yi Fan Yu

- High Frequency modeling & broadband matching of Power Transformers

By Michael Spahiu

- Wireless energy and data transfer

By Teddy Aklilu Zevde

- EMI sensor for Electrical Event Detection

By Blaine J. Martinez

- Free admission
- Free parking after 5:00PM on campus (Q4 parking lot)
- Pizza and soda will be served
- More information on the course content: <http://hpartal.mysite.syr.edu/classes.htm>
- Please contact Dr. Hakan Partal for questions at [hpartal\(at\)syr.edu](mailto:hpartal(at)syr.edu)
- Course Sponsors / Supporters: Anaren, PPC, & ARI at Virginia Tech.
- Co-organized by Dept. of EECS, Syracuse Univ. & AP/MTT/EMC Chapter of the IEEE Syracuse Section

