



# ECEDHA

## MID ATLANTIC REGIONAL MEETING

### AT ROWAN UNIVERSITY

### SEPT. 29 – 30, 2017

#### **Friday, September 29**

06:00 Meet at Engineering Hall, walk to Landmark Americana. Park in Lot D  
06:30 – 08:30 Casual Dinner

#### **Saturday, September 30** - Meet at 350 Engineering Hall - Dean's Conference Room

08:45 – Breakfast

09:30 – Welcome & Introductions

09:45 – 10:30 Rethinking Senior Design – Robi Polikar

10:30 – 10:45 Coffee Break

10:45 – 12:00 Morning group discussion: Challenges and Solutions in ECE Programs – all participants

12:00 – 13:00 Lunch – Keynote: Toward the Autonomous Curriculum – Dr. John Schmalzel

The last half century of engineering—and certainly ECE—education is constructed of building blocks that have proven resilient to change. Even when confronted with sea changes in technology, the curriculum plods along. How will we adapt to these changes and what will the catalysts be that force those changes? Will it be the fact that the majority of topics in our curricula have zero counterparts in the technology domain? Will it be when we decide that spending weeks on an op amp invented by our grandfathers is really too much? Will it be when we find our students getting the majority of their content on line? Will it be when memristors have become so important that we finally make room at the R-L-C table? Will it be when the jobs our students used to get have dwindled to the point where few get those classic jobs? And when will ABET launch a new initiative along the lines of “Curriculum 2000” to foster innovation instead of massive bean counting?



13:00 – 14:30 Afternoon group discussion – Open forum – all participants

Discussion on various issues facing ECE programs – funding and international student recruitment under current climate, undergraduate recruitment and the role of high school counselors in informing interested students about ECE, ability for programs to pool resources / efforts for large orders, etc.

14:30 – 15:00 What does industry expect from EE/CpE/ECE graduates? FAA Perspective

15:00 – 15:30 Break & Short drive to South Jersey Tech Park

15:30 – 16:15 Rowan Virtual Reality Lab Tour and Demos

16:15 – 16:30 Short drive back to Engineering Hall

16:30 – 17:15 Tour of Engineering & Rowan Hall (College of Engineering Complex)

17:30 – 18:00 Relax / leisurely drive to Terra Nova

18:15 – Dinner at Terra Nova

<b>ECEDHA MidAtlantic Regional Meeting - September 29-30, Rowan University</b>				
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