Southeastern Electrical and Computer Engineering Department Heads Association (SECEDHA)

Annual Meeting
October 31 – November 1, 2019
The Inn at Virginia Tech and Skelton Conference Center (a.k.a. the "VT Inn")
Blacksburg, Virginia

Thursday, October 31st
(Registration: 1-2 PM, location TBD on 2nd floor of VT Inn)

OPTIONAL PRE-MEETING TOUR

Time	Activity	Location/ Lead
2:00-2:30 PM	Meet and Greet	**Solitude Room, 2nd floor of VT Inn**
2:30-4:30 PM	Bus tour of the VT campus led by the VT ECE Student Ambassadors including Alumni Mall Drive, the Addison Caldwell Statue, Torgersen Arch, The Pylons/War Memorial, Burruss Hall, Lane Stadium, HokieBird, visit to the Center for Power Electronics Systems, the Atrium and TREC Robotics Lab in Goodwin Hall	**Luke Lester**
4:30-5:30 PM	Free time	

MAIN MEETING

Time	Activity	Location
5:30 - 6:00 PM	Reception	**Solitude Room**
6:00 – 6:40 PM	Dinner	Smithfield Room (2nd floor)

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6:40 – 7:30 PM	<u>Featured Speakers</u>: Scott Midkiff, VPIT & CIO, and David Raymond, Deputy Director IT Security Lab "The Virginia Cyber Range – A Model for Experiential Learning in the Cloud"	Smithfield Room (2nd floor)
7:30 – 8:00 PM	SCEEE Annual Meeting	Smithfield Room
8:00 – 8:30 PM	SCEEE Board of Directors Meeting	Smithfield Room

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Friday, November 1st

(Meeting location: Solitude Room, second floor of VT Inn)

Time	Activity	Lead
7:30-8:00 AM	Continental Breakfast	
8:00-9:00 AM	Session I: **Leadership Development**	**Dan Noneaker**

1) Recruiting new administrators for your department and the college
2) Faculty annual reviews

Panelists:
Shekhar Bhansali, Florida International Univ.
Michael Johnson, Univ. of Kentucky
Jerry Trahan, Louisiana State Univ.

Time	Activity	Lead
9:00-10:00 AM	Session II: **Managing the AI/ML boom**	**Hulya Kirkici**

How does your institution define AI vs. ML? How do we educate students differently than CS? How do we retain/recruit faculty? How do we entice faculty to teach the ML courses?

Panelists:
Erdem Topsakal, Virginia Commonwealth Univ
Zhihua Qu, Univ. of Central Florida
Roger Dougal, University of South Carolina

Time	Activity	Lead
10:00-10:15 AM	**Break**	

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10:15-11:00 AM	Session III: **Certificates/Minors/Majors: Micro-credentials vs. Degrees** *Luke Lester, Virginia Tech* *Greg Peterson, Univ. of Tennesse, Knoxville*	**Luke Lester**
11:00 AM -12 noon	Roundtable topics **-Accommodating sabbatical leaves** **-ECEDHA dues discussion, are the institutions getting value for the money paid?** **-Growth of Computer vs. Electrical Engineering**	**The Group**
12:00-12:45 PM	Lunch, *Smithfield Room*	
12:45-1:30 PM	ABET Feedback from Visited Programs	**Luke Lester**
1:30-2:30 PM	SECEDHA Business Meeting/Survey	**Hulya Kirkici**
2:30 PM	Adjourn	

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Thursday night dinner talk: Drs. Scott Midkiff and David Raymond

Title: "The Virginia Cyber Range – A Model for Experiential Learning in the Cloud"

Abstract:
The Virginia Cyber Range is a state-funded initiative that provides isolated network infrastructure and courseware for cybersecurity education to students and faculty in Virginia high schools, colleges, and universities. This effort has been embraced by educators in the state and our cloud-hosted infrastructure has allowed us to quickly scale to over 7,000 student and faculty users in over 200 high schools and colleges. This summer we launched the U.S. Cyber Range of Virginia Tech, providing cyber range as a service to customers across the country. We will discuss our goals, approach, and experience with the Virginia Cyber Range and our motivation for expanding access nationwide, then tie this all back to broader implications of this cloud-based experiential learning initiative.

Dr. David Raymond is Director of the Virginia Cyber Range and Deputy Director of Virginia Tech's IT Security Lab. He is also adjunct faculty in the Bradley Department of Electrical and Computer Engineering where he teaches networking and cybersecurity courses. David is a retired Army officer and former faculty member in West Point's Department of Electrical Engineering and Computer Science. He has a BS in Computer Science from West Point, an MS in Computer Science from Duke University, and a PhD in Computer Engineering from Virginia Tech. David is a Senior Member of the IEEE and is co-author of *On Cyber, Towards an Operational Art for Cyber Conflict*.

Dr. Scott Midkiff is a Professor of Electrical and Computer Engineering at Virginia Tech and serves as the university's Vice President for Information Technology and Chief Information Officer. As VPIT&CIO, Midkiff has responsibility for Virginia Tech's overall strategy and vision for information technology to support and advance the university's three-part mission of teaching and learning, research and discovery, and outreach and engagement. Previously, he served as ECE department head at Virginia Tech and a program officer at the National Science Foundation.