

# CCSC South Central Conference 2019 Schedule

**Friday, April 5, 2019**

Location: University of Texas at Dallas

Erik Jonsson School of Engineering and Computer Science Building, 800 W. Campbell Road, Richardson, Texas 75080

## **Registration (11:00 am - 4:00 pm)**

Location: Computer Science Building, Outside the TI Auditorium

**Ph.D. Info Session (11:30 am - 12:20 pm)** – Location: ECSS 2.311

**Turnitin - Gradescope (12:20 - 12:50 pm)** – Location: TI Auditorium  
Alynda Armstrong, Account Executive

**Opening Session: (1:00 - 1:50 pm)** – Location: TI Auditorium  
**Humam Allied AI**

**Keynote Speaker: Dr. Sriraam Natarajan**

Associate Professor, UT Dallas, Computer Science Department

**Break with Refreshments (1:50 - 2:00 pm)** – Location: ECSS 2.305

## **Concurrent Session 1 (2:00 - 3:00 pm)**

**Room: ECSS 2.412**

**Professional Paper Session**

**Moderator: TBA**

2:00 ***Analyzing the Impact of Experiential Pedagogy in Teaching Socio-Cybersecurity: Cybersecurity Across the Curriculum***

Carlene Turner, Norfolk State University  
Claude Turner, Norfolk State University

2:30 ***Crime in the 21st Century: A Co-Teaching Experience***

Bilal Shebaro, St. Edward's University  
Casie Parish Fisher, St. Edward's University

**Room: ECSS 2.415**

**Professional Paper Session**

**Moderator: TBA**

2:00 ***A Study of Evolutionary Algorithms for the Degree-Constrained Minimum Spanning Tree Problem***

Anthony Bloch, St. Cloud State University  
Rob Owens, St. Cloud University

2:30 ***Selection of WSNs Inter-Cluster Boundary Nodes Using PSO Algorithm***

Mamta Yadav, Texas A&M University-Corpus Christi  
Alaa Sheta, Texas A&M University-Corpus Christi

**Room: ECSS 2.201**

**Tutorial Session**

**Moderator: TBA**

2:00 ***Preparing for the New ABET-CAC Computing and Cybersecurity Criteria***

Tim McGuire, Texas A & M University  
Rob Byrd, Abilene Christian University,  
Deborah Dunn, Stephen F. Austin State University

**Break with Refreshments (3:00 - 3:15 pm)** – Location: ECSS 2.305

# CCSC South Central Conference 2019 Schedule

## Friday, April 5 (continued)

Concurrent Session 2 (3:15 - 4:15 pm)		
<p style="text-align: center;"><b>Room: ECSS 2.311</b>  <b>Professional Paper Session</b>  <b>Moderator: TBA</b></p> <p>3:15 <b><i>Handwritten Digits Recognition Using Convolution Neural Networks</i></b>  Alaa Sheta, Texas A&amp;M University-Corpus Christi</p> <p>3:45 <b><i>A Case Study On The Dialect Identification Of Twitter Tweets Using Natural Language Processing And Machine Learning</i></b>  Kari Djuve, Southeastern Louisiana University  John Burris, Southeastern Louisiana University</p>	<p style="text-align: center;"><b>Room: ECSS 2.415</b>  <b>Professional Paper Session</b>  <b>Moderator: TBA</b></p> <p>3:15 <b><i>A Course Module On HTML5 New Features And Security Concerns</i></b>  Xiaohong Yuan, North Carolina A&amp;T State University  Mounika Mounika, North Carolina A&amp;T State University  Macey Morgan, North Carolina A&amp;T State University</p> <p>3:45 <b><i>A System to Support a Test-Centric Mindset in Early Programming Courses</i></b>  Michael Kart, St. Edward's University</p>	<p style="text-align: center;"><b>Room: ECSS 2.201</b>  <b>Panel Session</b>  <b>Moderator: TBA</b></p> <p>3:15 <b><i>CyberReady Stl. Curriculum: Tutorial, Best Practices, and Results from Initial Deployment</i></b>  Paul Gross, Steve Coxon, Dustin Nadler, Chris Sellers, Christi DeMuri, Robyn Ray  Maryville University</p>
<b>Break with Refreshments (4:15 - 4:30 pm)</b> – Location: ECSS 2.305		
<b>Lightning Talks (4:30 - 5:00 pm)</b> Location: ECSS 2.201		
<b>Student Poster Displays (4:30 - 5:30 pm)</b> Location: Hallway across TI Auditorium <b>Note:</b> Student posters must be up by 2:00 pm		
<b>Google (5:30 - 6:00 pm)</b> – Location: TI Auditorium Wesley Chun, Developer Advocate, Google Cloud		
<b>Reception and Banquet (6:00 - 7:30 pm)</b> Location: Student Union Galaxy Rooms A, B, and C		
<b>Steering Committee Business Meeting (7:30 - 8:30 pm)</b> Location: Galaxy Rooms		



Please join Alynda Armstrong at 12:20 – 12:50 p.m. for a presentation:

### **Leveraging Technology to Scale Student Learning in Computer Science Courses**

As demand for computer science programs continue to rise, challenges with scaling CS class processes have emerged. How can instructors assess hundreds of students effectively, efficiently, and fairly? How can they leverage the grading process to drive academic success? Learn how instructors at over 600 universities use Gradescope\* to dramatically reduce the pain and time associated with grading all types of student work, including exams, homework, and programming projects.

\* Gradescope is now part of Turnitin! - Gradescope is an assessment platform that optimizes grading workflows for STEM, Economics, and Business courses.



Please join Wesley Chun at 5:30 – 6:00 p.m. for a presentation:

### **Cloud computing and Running your code on Google Cloud**

Cloud computing has taken over industry by storm, yet there aren't enough new college grads who know enough about it. This session begins with a vendor-agnostic, high-level overview of cloud computing, including its three primary service levels. This is followed by an introduction to Google Cloud, its developer platforms, and which products serve at which service levels. Attendees will learn how to run applications on Google Cloud serverless platforms (in Python & JavaScript; other languages are supported) as well as hear about the teaching & research grants available to engineering (and non-engineering) faculty for use in the classroom or the lab. Whether you're a professor, researcher, edtech consultant, IT staff, TA grad student, or lecturer, you'll know how to run code on Google's cloud and help enable the next-generation cloud-ready workforce.