

CCSC South Central Conference 2019 Schedule

Friday, April 5, 2019

Location: University of Texas at Dallas, Texas
Erik Jonsson School of Engineering and Computer Science Building
800 W. Campbell Road, Richardson, Texas 75080

Registration (11:00 a.m. – 4:00 p.m.)

Location: TBA

Opening Session (1:00 – 1:50 p.m.)

TBA

Location: TBA

Concurrent Session 1 (2:00 – 3:00 p.m.)

Room: TBA Professional Paper Session <i>Moderator: TBA</i>	Room: TBA Professional Paper Session <i>Moderator: TBA</i>	Room: TBA Panel Session <i>Moderator: TBA</i>
<p>2:00 <i>Analyzing the Impact of Experiential Pedagogy in Teaching Socio-Cybersecurity: Cybersecurity Across the Curriculum</i> Carlene Turner, Norfolk State University Claude Turner, Norfolk State University</p> <p>2:30 <i>Crime in the 21st Century: A Co-Teaching Experience</i> Bilal Shebaro, St. Edward's University Casie Parish Fisher, St. Edward's University</p>	<p>2:00 <i>A Study of Evolutionary Algorithms for the Degree-Constrained Minimum Spanning Tree Problem</i> Anthony Bloch, St. Cloud State University Rob Owens, St. Cloud University</p> <p>2:30 <i>Selection of WSNs Inter-Cluster Boundary Nodes Using PSO Algorithm</i> Mamta Yadav, Texas A&M University-Corpus Christi Alaa Sheta, Texas A&M University-Corpus Christi</p>	<p><i>Preparing for the New ABET-CAC Computing and Cybersecurity Criteria</i> Tim McGuire, Texas A & M University Rob Byrd, Abilene Christian University, Deborah Dunn, Stephen F. Austin State University</p> <p>Multiple ABET Commissions are modifying their criteria in significant ways. With input from the computing community, ABET's Computing Accreditation Commission has updated the Criteria for Accrediting Computing Programs to reduce the assessment burden and take into account the CS2013 curricular guidelines. These revised criteria will be fully effective for site visits from 2019 onwards. Thus, programs must plan for these changes, especially how they affect both curriculum and assessment. Additionally, criteria for Cybersecurity programs are now the final stages of approval. What do these changes mean for your computing program(s)? This panel session is an effort to inform computing faculty the recent changes made to the criteria and how these changes may potentially impact current assessment processes and curriculum implementations. The panelists are ABET Commissioners and they will provide an overview of the changes and their rationale. Together they will engage the audience in discussions, allowing time for interaction and clarifying questions.</p>

Break with Refreshments (3:00 – 3:15 p.m.) – Location: TBA

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Friday, April 5 (continued)

Concurrent Session 2 (3:15 - 4:15 p.m.)

Room: TBA Professional Paper Session Moderator: TBA	Room: TBA Professional Paper Session Moderator: TBA	Room: TBA Tutorial Session Moderator: TBA
<p>2:00 Handwritten Digits Recognition Using Convolution Neural Networks Alaa Sheta, Texas A&M University-Corpus Christi</p> <p>2:30 A Case Study On The Dialect Identification Of Twitter Tweets Using Natural Language Processing And Machine Learning Kari Djuve, Southeastern Louisiana University John Burris, Southeastern Louisiana University</p>	<p>2:00 A Course Module On HTML5 New Features And Security Concerns Xiaohong Yuan, North Carolina A&T State University Mounika Mounika, North Carolina A&T State University Macey Morgan, North Carolina A&T State University</p> <p>2:30 A System to Support a Test-Centric Mindset in Early Programming Courses Michael Kart, St. Edward's University</p>	<p style="text-align: center;">CyberReady Stl. Curriculum: Tutorial, Best Practices, and Results from Initial Deployment</p> <p style="text-align: center;">Rebecca Dohrman, Paul Gross, Steve Coxon, Dustin Nadler, Chris Sellers, Christi DeMuri, Robyn Ray Maryville University</p> <p>This workshop will walk participants through the development and recent deployment of the CyberReady Stl. Curriculum which is built on the Raspberry Pi platform to introduce students to the basics of coding in Python, the Raspberry Pis platform (with SenseHat), and networking in order to help students be more cyberready and to prepare them for subsequent computing curricula (i.e. CyberPatriot). The tutorial will be presented by a team of researchers from Maryville University, a computing expert who was on development team for the curriculum, and three educators who deployed the curriculum in the Fall 2018. The team will talk through results from the pre- and post-tests about attitudes related to computing as well as cyberreadiness skill.</p>

Break with Refreshments (4:15 – 4:30 p.m.) – Location: TBA

Lightning Talks (4:30 – 5:00 p.m.)

Location: TBA

Student Poster Displays (4:30 – 5:30 p.m.)

Location: TBA *Note:* Student posters must be up by 2:00 pm

Reception and Banquet (6:00 - 7:30 p.m.)

Location: TBA

Steering Committee Business Meeting (7:30 pm – 8:30 p.m.)

Location: TBA