



## A U.S. National Science Foundation Industry/University Cooperative Research Center

### NSF Cloud and Autonomic Computing Summit and Industry Advisory Board Meeting May 7<sup>th</sup>, 2021 Friday – Online Event

*Advance Registration Required, please register at: [spring-2021-nsf-cac.eventbrite.com](https://spring-2021-nsf-cac.eventbrite.com)  
AFTER you register, you will receive the Zoom meeting link from Eventbrite notification email*

**May 7<sup>th</sup>, 2021 Friday (all times are in CDT)  
10 a.m. – 3 p.m. (lunch break 12-1 pm)**

10:00-10:10	<b>Online Networking</b>
10:10-10:15	<b>Meeting Logistics</b> , Dr. Yong Chen, Texas Tech University
10:15-10:40	<b>CAC Center Directors Report</b> , Dr. Alan Sill, Texas Tech University, and Dr. Salim Hariri, University of Arizona
10:40-12:00	<p><b>Project Updates and Reports</b>  <b>Session Chair:</b> Dr. Susan Mengel, Texas Tech University            (10-min presentation, 5-min Q&amp;A and completion of LIFE forms)  <i>Faculty, students, and researchers will report progress of projects funded by CAC. Industry members will evaluate the progress and provide feedback.</i></p> <p>2020-TTU-1: Data Center Control for Renewable Energy Applications (Alan Sill)            2020-UA-1: SeVA: Senior Virtual Assistant (Chongke Wu)            2020-TTU-2: Integrated Visualizing, Monitoring, and Managing HPC Systems (Tommy Dang, Yong Chen, Alan Sill, Ngan Nguyen, Jie Li, Ghazanfar Ali)            2020-TTU-3: xBGAS (Extended Base Global Address Space) Architecture Optimizations and Filesystem (Yong Chen, John Leidel, Xi Wang, Brody Williams, Nathan Stoddard)            2020-UA-2: Federated Cyber Security Testbed as a Service (Pratik Satam)</p>
12:00-13:00	<b>Lunch Break</b>
13:00-14:00	<p><b>New Project Proposal</b>  <b>Session Chair:</b> Dr. Ali Akoglu, University of Arizona            (10-min presentation, 5-min Q&amp;A and completion of LIFE forms)</p> <p>2021-TTU-1: Data Center Control for Renewable Energy Applications (Alan Sill)            2021-UA-1: Deriving A Personal Integrity Score for Individuals and Brands Based on Internet Content Analysis (Carlos Nevarez)            2021-TTU-2 Integrated Data Collection and Visualization Framework for Data Centers based on Telemetry Model (Tommy Dang, Yong Chen, Alan Sill, Ngan Nguyen, Jie Li, Ghazanfar Ali)            2021-TTU-3: xBGAS Architecture Optimizations and Applications (Yong Chen, John Leidel, Brody Williams, Nathan Stoddard)</p>
14:00-14:15	<p><b>Updates from Affiliate Sites</b>            University of North Texas - Ravi Vadapalli            Texas State University - Ziliang Zong            University of Sonora (International Site) - Jesus Pacheco</p>
14:15-14:50	<p><b>Poster Session and Feedback</b>  <b>Session Chair:</b> Dr. Tommy Dang, Texas Tech University</p>
14:50-15:00	<b>IAB Board Members and Prospective Members Feedback and Wrap-up</b>