

2019 DSCC TECHNICAL SESSIONS AT A GLANCE

	Wednesday, October 9			Thursday, October 10			Friday, October 11	
ROOM	9:30am – 11:30am	1:15pm – 3:15pm	3:30pm – 5:30pm	9:30am – 11:30am	1:15pm – 3:15pm	3:30pm – 5:30pm	9:30am – 11:30am	1:15pm – 3:15pm
Kokopelli Ballroom	W1-1 RFI: Soft Mechatronic Actuators and Sensors			T1-1 RFI: Unmanned Ground and Aerial Vehicles			F1-1 RFI: Advances in Robotics and Mechatronics	
White Pine Ballroom	W1-2 RFI: Automotive and Transportation Systems			T1-2 RFI: Advances in Control Systems			F1-2 RFI: Motion Planning and Trajectory Tracking	
Painted Horse I		W2-3 Advances in Robotics I	W3-3 Advances in Robotics II		T2-3 Unmanned Vehicles	T3-1 Multi-Agent and Networked Systems		
Painted Horse II		W2-5 Invited Session: Vibrations - Modeling, Analysis, and Control I	W3-5 Invited Session: Vibrations: Modeling, Analysis, and Control II		T2-2 Modeling and Validation	T3-2 Diagnostics and Detection		
Arrow Head I		W2-4 Invited Session: Advanced Driver Assistance and Autonomous Technologies	W3-4 Invited Session: Vehicle Dynamics and Stability		T2-4 Automotive Systems	T3-5 Invited Session: Energy Optimization for Intelligent Vehicle Systems		
Arrow Head II		W2-2 Manufacturing Systems	W3-2 Dynamics and Control of Human-Robot Systems		T2-6 Invited Session: Design, Modeling, Analysis and Control of Assistive and Rehabilitation Devices I	T3-6 Invited Session: Design, Modeling, Analysis and Control of Assistive and Rehabilitation Devices II		
Bobcat I		W2-6 Invited Session: Thermal Energy Systems	W3-6 Invited Session: Renewable and Smart Energy Systems		T2-1 Advances in Control Design Methods	T3-4 Motion Planning and Tracking Control		
Bobcat II & III		W2-1 Estimation and Identification	W3-1 Uncertain Systems and Robustness		T2-5 Invited Session: Modeling and Control of Engine and Aftertreatment Systems	T3-3 Modeling and Control of IC Engines and Aftertreatment Systems		
Grand Ballroom Foyer	W4-1 Poster Session 6:30 pm – 7:15 pm							

WORKSHOP, PLENARY, AND SPECIAL SESSIONS

Tuesday, October 8

1:00pm – 5:00pm (White Pine I)

Workshop #1: **Adaptive Control Systems with Stability and Performance Guarantees.**

9:00am – 5:00pm (White Pine II)

Workshop #2: **A Short Course on Robot Control**

1:00pm – 5:00pm (Painted Horse)

Workshop #3: **Mastering Frequency Domain Techniques for the Stability Analysis of LTI Time Delay Systems**

1:00pm – 5:00pm (Cabin)

Workshop #4: **Practical Methods for Real World Mechatronic Control Systems**

6:00pm – 8:30pm (Grand Ballroom Foyer)

Opening Reception

Wednesday, October 9

8:00am – 9:00am (Kokopelli Grand Ballroom)

Plenary Talk: **Allison Okamura, Stanford University**

9:00am – 9:30am (Grand Ballroom Foyer)

AM Coffee Break

11:30 am – 1:15pm (Sundial Pavilion)

Lunch

11:40am – 1:10pm (Arrow Head II)

Industry Perspectives on Controls in Autonomous Systems

12:10pm – 1:10pm (Painted Horse II)

Best Student Paper Competition

1:15pm – 3:15pm (White Pine Ballroom)

Proposal Writing Tips for Young Investigators

3:15pm – 3:30pm (Grand Ballroom Foyer)

PM Coffee Break

Thursday, October 10

8:00am – 9:00am (Kokopelli Grand Ballroom)

Plenary Talk: **Santosh Devasia, Univ. of Washington**

9:00am – 9:30am (Grand Ballroom Foyer)

AM Coffee Break

12:10pm – 1:10pm (Painted Horse II)

Networking/Student Career Advising Session

12:10pm – 1:10pm (Bobcat I&II)

NSF CAREER Award Panel

3:15pm – 3:30pm (Grand Ballroom Foyer)

PM Coffee Break

3:30pm – 5:30pm (White Pine Ballroom)

Federal Funding Opportunities

6:30pm – 9:30pm (Kokopelli Grand Ballroom)

Awards Ceremony

Oldenburger Lecturer (Huei Peng, University of Michigan)

Banquet

Friday, October 11

8:00am – 9:00am (Kokopelli Grand Ballroom I & II)

Nyquist Lecturer: **Lucy Pao, Univ. of Colorado, Boulder**

9:00am – 9:30am (Grand Ballroom Foyer)

AM Coffee Break

1:00pm – 4:00pm

(Sign-up at Registration Desk)

University of Utah Tour