ROS-Industrial Consortium Americas
Annual Meeting Agenda
March 7-8, 2018, Southwest Research Institute® (SwRI®)

The ROS-Industrial Consortium Americas Annual Meeting will be held March 7th & 8th at Southwest Research Institute headquarters in San Antonio, Texas. Demonstrations and Presentations are open to the public on March 7th for registered attendees, and will include Robotic Blending Milestone 4, Multi-Mobile Asset Coordination, Multi-Agent Control via Mixed Reality, and more. Come and learn more about the development of a mobile multi-process robotic solution through the Advanced Automation for Agile Aerospace Applications (A5) program. Then enjoy dinner with the group at the Iron Cactus, located on San Antonio's historic River Walk.

On March 8th consortia members will convene to hear updates from ROS-I community leaders in the US, Europe, and Asia. At lunch, Phil Freeman, the Tech Fellow at Boeing, will present his experiences and what he has learned leveraging ROS-Industrial at Boeing. Then the Consortium will learn more about the ROS2 progress, Windows IoT and Robotics, as well as collaborative workshops for roadmap development, and Focused Technical Project Topic Creation.

Time	Description	Speaker/Coordinator
0800	Shuttle Pickup Courtyard Marriott Westover Hills	
0820-0900	Registration	SwRI Team
0900-0930	Welcome – SwRI Introduction	Paul Evans – SwRI
0930-1000	ROS-I Consortium/Introduction	Matt Robinson - SwRI
1000-1015	Break	
1015-1045	Manufacturing in Mixed Reality	Dr. Aditya Das - UTARI
1045-1115	Discussion on the Design of a Multiuse Workcell and Incorporation of the Descartes Package	Christina Petlowany – UT Austin Nuclear Robotics Group
1115-1145	Integrating ROS into NASA Space Exploration Missions	Dustin Gooding - NASA
1145-1230	Lunch	
1230-1300	Lunch Keynote – Air Force ManTech Robotics Initiative / A5 Program Overview	Richard Meyers - AFRL
1300-1530	Lab Tours & Demonstrations: ADLINK Neuron (ADLink), KEBA KeMotion and ROS, Manufacturing in Mixed Reality (UTARI), Human Performance and ROS (SwRI), Class 8 Automated Vehicle Demonstration (SwRI), Intelligent Part Reconstruction (SwRI), A5 (SwRI), Improved Situational Awareness in Teleoperated Systems (UT Austin), Robotic Blending (RIC NA)	SwRI Team Guided
1530-1600	ADLINK Neuron: An industrial oriented ROS2-based platform	Hao-Chih Lin - ADLink
1600-1630	Unique ROS Combination with Safety and PLC	Thomas Linde - KEBA
1630-1700	Leveraging ROS-Industrial to Deliver Customer Value	Joe Zoghzoghy – Bastian Solutions
1700-1715	Closing Remarks	Matt Robinson - SwRI
1715	Shuttles Depart for Dinner: Iron Cactus, 200 River Walk Suite 100 San Antonio, TX 78205	

Time	Description	Speaker/Coordinator
0800	Shuttle Pickup at Courtyard Marriott Westover Hills	
0815-0830	Registration, Light Breakfast	
0830-0845	Welcome and Introductions	Paul Evans - SwRI
0845-0920	RIC-Americas Highlights and Upcoming Events	Matt Robinson & Levi Armstrong - SwRI
0920-0940	RIC-Europe Highlights & ROSiN Update	Mirko Bordignon – Fraunhofer IPA
0940-1000	ROS-Industrial Lessons from Bootstrapping in Asia Pacific	Min Ling Chan - ARTC
1000-1015	Break	
1015-1045	ROS2 is Here	Dirk Thomas – Open Robotics
1045-1115	ARM Institute Introduction & Mission	Bob Grabowski – ARM Institute
1115-1145	Windows IoT & Robotics	Lou Amadio - Microsoft
1145-1215	Lunch	
1230-1300	Lunch Keynote: Why Boeing is Using ROS-Industrial	Dr. Philip Freeman - Boeing
1300-1430	ROS-I Problem-Centric Roadmapping Workshop	ROS-I Team Facilitated
1430-1445	Break	
1445-1515	Enabling Facility-Level Interoperability Between Robot Teams and Machine-Cell Devices	Shaurabh Singh – Association for Manufacturing Technology
1515-1545	The Past, Present and Future of DDS and its Relation with ROS2	Erik Boasson - ADLink
1545-1700	Project Topic Idea Generation based on Industry Needs	Matt Robinson - SwRI
1700-1715	Closing Remarks	Matt Robinson - SwRI
1715	Shuttle Direct to Courtyard Marriott Westover Hills	

Accommodations and Transportation

Reserve your room by February 23rd to take advantage of a fantastic rate of $99/night at the Courtyard San Antonio SeaWorld®/Westover Hills for your accommodations during the ROS-Industrial Consortium Americas meeting on March 7th & 8th. Meeting attendees can extend their stay to include the weekend. San Antonio offers many family friendly amenities, and the Courtyard San Antonio SeaWorld®/Westover Hills is a close drive to nearby theme parks, downtown, and other San Antonio sites. Book your stay via the ROS-I Annual Meeting link, provided by Courtyard San Antonio SeaWorld®/Westover Hills, soon before rooms are gone.

Hotel Address:

Courtyard San Antonio SeaWorld®/Westover Hills
11605 State Highway 151
San Antonio TX 78251

A shuttle will be provided to and from the hotel on March 7th & 8th, departing at 8:00 AM both days, and includes return service to the hotel both days.

Registration

Please register here: http://rosindustrial.org/ric-meeting-registration

The ROS-Industrial Consortium is a membership organization. The meeting is free to dues-paying members (limit three attendees per Full membership, two per Associate membership, and one per Research membership). Additional members may attend for $400/EA. The 7th is Open to the Public, registration is required and is $200 for non-members.

For more information, please contact:

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http://rosindustrial.org/events-summary/