



ROS-Industrial Consortium Annual Meeting April 7 in Chicago Following Automate 2017

Hosted by Southwest Research Institute®

Make it a double-header while you are in Chicago and attend the ROS-Industrial Consortium Americas Annual Meeting following Automate 2017. We have an exciting agenda planned, including our keynote presentation by Matthew Robinson from Caterpillar Inc. who will be discussing “Flexible Automation for Manufacturing in Heavy Industries.” Our meeting will be held on April 7 at the Hyatt Regency McCormick Place. Preceding the event on April 7, a dinner will be held at [The Chicago Oyster House](#) on April 6 at 7:30 PM for registered attendees.

ROS-Industrial has gone global and our three Consortia leaders will update attendees on what’s happening in their part of the world with ROS-I. Attendees will hear technical presentations, learn about opportunities to participate in upcoming projects, and provide input to the technical roadmap for 2017.

We look forward to welcoming you at the ROS-Industrial Annual Meeting!



Keynote Speaker Matthew Robinson
Automation Team Leader, Manufacturing Technology, Caterpillar Inc.
Flexible Automation for Manufacturing in Heavy Industries



Brett Hemes
Robotic Processing R&D Lead, 3M
Paths to Trajectories: Time Parameterization in the Context of ROS-Industrial



Trent Weiss
Robotics Engineer, The Boeing Company.
Automated Path Planning to Constraint Manifolds in Confined Space Regions



Dr. Steve Turek
Government Chief Technical Advisor, ARM Institute (Manufacturing USA)
ARM Institute



Tully Foote
ROS Platform Manager, Open Source Robotics Foundation
Open Mic Q/A with Tully



Min Ling Chan
ROS-Industrial Consortium Asia Pacific Program Manager, ARTC
ROS-I Consortium Asia Pacific Launch



Paul Hvass (event host)
ROS-Industrial Consortium Americas Program Manager, SwRI®
ROS-I is Global and Growing



Mirko Bordignon
ROS-Industrial Consortium Europe Program Manager, Fraunhofer IPA
ROSIN: ROS-I as an EU Digital Industrial Platform for Robotics

Agenda

When: April 6–7, 2017 (Immediately following Automate 2017)
Where: Hyatt Regency McCormick Place, Chicago, IL, USA
Registration: Please see the [event page](#) on [rosindustrial.org](#)

How many people can we send?
Full – 3 Associate – 2 Research – 1
Each Additional – \$300

Thursday Evening April 6, 2017, 7:30 PM:

• **Dinner (Provided):** Dinner at the [Chicago Oyster House](#), 933 S Indiana Avenue, Chicago, IL 60616

Friday April 7, 2017, 8 AM–5 PM (Members Only):

Some highlights of the annual members meeting include:

- **Consortium Updates:** Learn about the latest ROS-I community developments from the three leaders of our international Consortia, and planned Consortium activities for 2017.
- **Lunch Keynote:**
 - **Title:** Flexible Automation for Manufacturing in Heavy Industries
 - **Presenter:** Matthew Robinson, Automation Team Leader, Manufacturing Technology, Caterpillar Inc.

- **Abstract:** Traditional automation solutions serving high-volume uniform product applications haven't translated well to high-mix low-lot applications in heavy industries. A new flexible approach is needed to enable new capabilities for traditional robotic equipment by leveraging modular, advanced perception-driven functionality. To realize this vision, the whole robotics community – including university partners, applied researchers, industry, regulation, and integrators – needs to embrace open solutions. The Scan-N-Plan Robotic Blending Consortium project is an important first step on our advanced robotics journey to the benefit of shareholders, customers, and partners in the factory.
- **Technical Presentations:** Invited talks by ROS-I innovators.
- **Focused Technical Projects:** We will provide an update on current Consortium projects and upcoming 2017 projects.
- **Roadmapping:** The meeting will conclude with a general discussion on the technical roadmap which will set the agenda for the 2017 activities.

Consortium members [register now!](#)

If you are not yet a ROS-I [Consortium member](#), you can [join now](#). For more details, please visit the [event page](#).



Current members of the worldwide ROS-I Consortium



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