



IEEE ROBOTICS & AUTOMATION SOCIETY

NEWSLETTER

AUGUST 2025

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MEMBERSHIP & SOCIETY NEWS

IEEE RAS Day 2025 is on 3 September!



Attention RAS members, local Chapters, student branches, sectional Chapters, and committees!

With 3 September around the corner, the theme for RAS Day 2025 is "Innovation in Motion." We invite you to organize events, showcase your work, and compete in exciting contests! Events occurring from 1 September 2025 to 15 September 2025 will be considered for the contests. More details will come in the upcoming weeks!

Looking forward to seeing your celebrations! Follow the [RAS Student Activities Committee](#) channel for updates.

Call for Nominations: New TC/Cluster Chairs

Help shape the future of robotics! RAS is seeking nominations for new Co-Chairs across 31 Technical Committees. Nominees should be active in the community and ready to lead technical activities, foster engagement, and support growth.

[Submit a Nomination](#)

Deadline to apply is **31 August 2025**. Terms begin 1 January 2026.
Questions? Contact: ras.tab.vp@gmail.com

Host a Virtual IEEE RAS Distinguished Lecturer in 2025

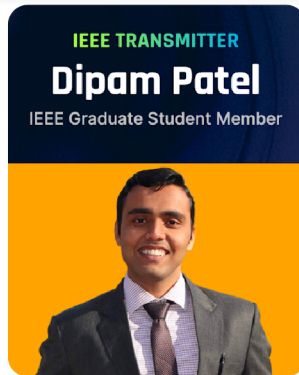


While travel support for DL's is no longer available this year, the RAS Distinguished Lecturer (DL) Program is still open for virtual events in 2025!

- Invite world-class experts in robotics and automation to speak at your Chapter or organization, no travel needed!

- Plan ahead! Submit your virtual DL requests at least three months in advance.
- Check out the list of approved DLs and submit your request today.

[Explore the DL List and Apply](#)



Meet Dipam!

IEEE Graduate Student Member Dipam Patel is shaping the future of home robotics, making them smarter, more adaptive, and truly helpful.

His advice? Dive into the IEEE community and make the most of its resources and connections.

[Learn More](#)

Share Your insights: Help Shape the Future of Automation

The Automation Technical Committee Cluster created a survey looking to capture the RAS community's input on some key aspects of automation in some key areas:

- Which areas of automation should support most in the future
- Benefits and concerns of automation
- Trust, regulation, open-source, and societal impact

[Submit Survey](#)

Congratulations to the IEEE Robotics and Automation Society Senior Members as of June 2025

We're proud to recognize our members who have been elevated to Senior member status this year! Becoming a Senior member is a milestone that celebrates leadership, innovation, and dedication in IEEE-designated fields.

[Full List of Newly Elevated Senior Members](#)

Join a RAS Standards Working Group

The RAS Industrial Activities Board is expanding rapidly to keep pace with the booming commercialization of robotics. Now is the perfect time to get involved! We offer a variety of working groups where your expertise can help shape the future of robotics standards. Whether you're passionate about innovation, collaboration, or industry impact, there's a place for you in our growing community.

AWARDS

2026 IEEE Tech Field Award Winners

We are thrilled to announce that three distinguished members of the robotics and automation community will be recognized with 2026 IEEE Technical Field Awards, one of IEEE's highest honors!

Congratulations to **Roland Siegwart**, **Marco Pavone**, and **George Pappas**!

[Read more](#) about their awards, and join us in honoring their remarkable achievements!



Call for Nominations: RAS Awards

Who are the leaders in the robotics and automation field? Who should be honored with a prestigious IEEE RAS Award? Consider nominating them! But hurry, the deadline for IEEE RAS Award nominations is **midnight (US ET) 1 September 2025**. Details for each award, including eligibility and nomination requirements and lists of previous recipients, may be found [here](#).

CONFERENCES



Congratulations to the CASE 2025 Social Media Ambassador

Thank you to everyone who applied! We loved learning about you and encourage you to apply for future opportunities.

Congratulations to Neehal Sharrma!

Thank you for providing us with engaging content at CASE!

Call for IROS 2025 Social Media Ambassadors

Interested in becoming an RAS Social Media Ambassador at our conferences? [Apply](#) for our last ambassador opportunity in 2025!

The RAS Media Services Board and Student Activities Committee are searching for social media ambassadors for the upcoming [2025 IEEE/RSJ International Conference on Intelligent Robots and Systems](#) (IROS).

Social media ambassadors help create and post content about all the exciting events happening at the conference on RAS social media platforms. If you are a social media-savvy RAS student member planning on attending IROS, apply now! Social Media Ambassadors receive up to US\$500 award for their help.

While all students are welcome to apply, preference will be given to those presenting their research at the event.

The deadline is **1 October 2025**.

[Apply](#)

Thank You for Joining Us at CASE 2025



We're grateful to everyone who attended [CASE 2025](#) and helped make it a success. Your energy, insights, and engagement brought our events to life. Thank you for being part of the IEEE RAS community. We look forward to seeing you again in 2026!

Register Now for IROS 2025

Join us at the 2025 IEEE/RSJ International Conference on Intelligent Robots and

jointly organized by the International Science and Technology Center for Intelligent Robotics and Systems (IROS). IROS 2025 will take place 19 - 25 October 2025 in Hangzhou, China; the theme is **Human-Robotics Frontier**. Registration is open!

Early-bird registration ends **30 August 2025**.

Explore the [website](#) for details on [registration](#), [accommodation](#), and more!



PUBLICATIONS

APEX Award Granted to *IEEE Robotics and Automation Magazine*



Out of more than 1,000 entries, only 100 Grand Awards were granted across all categories in the prestigious [APEX Awards](#) for Publication Excellence, and *IEEE Robotics & Automation Magazine* is among the winners!

GRAND AWARD – Writing / Topics

Robotics & Automation Magazine, September 2024

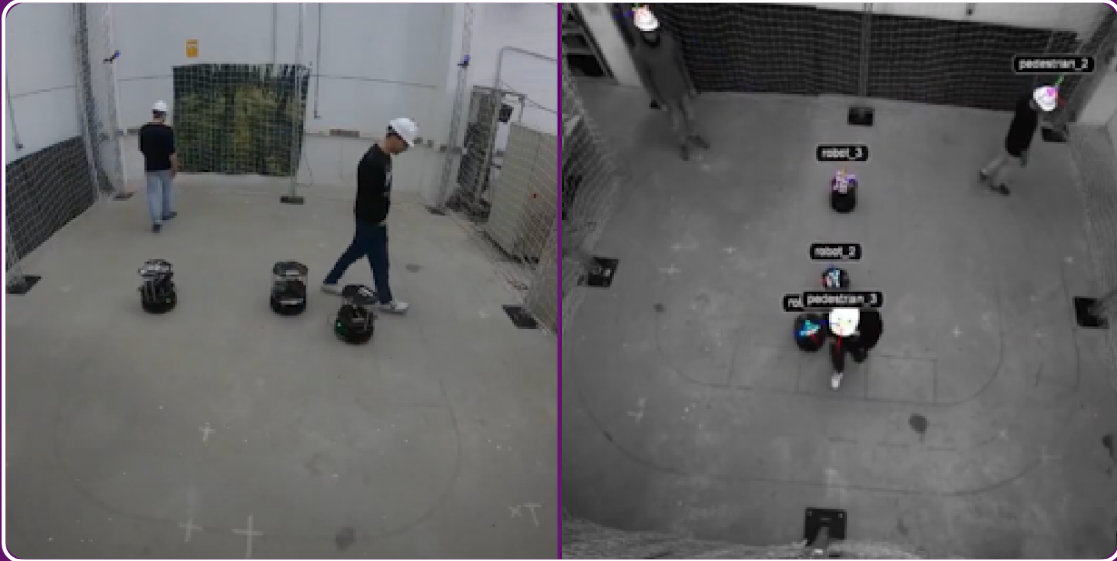
[“What Is the Proper Gait Pattern for People With Paraplegia Who Wear Powered Exoskeletons?”](#)

Congratulations to our editorial team, contributors, and everyone who helped bring this important story to life. We’re proud to be recognized for pushing the boundaries of science communication in robotics and automation.

Upcoming Call for Papers Deadlines

- **31 August 2025** - [T-ASE SI on Resilient and Secure Networked Multi-Vehicle Systems in Complex Environments](#)
- **1 October 2025** - [T-ASE SI on Humanoid Locomotion and Manipulation in Industrial Manufacturing](#)
- **31 December 2025** - [ToH SI on Haptics for the Arts](#)

Journal Spotlight of the Month



[Read more](#)

[Watch on YouTube](#)

AVOCADO

In this *IEEE Transactions on Robotics (T-RO)* paper, the authors introduce AVOCADO - Adaptive Optimal Collision Avoidance driven by Opinion. The two-stage planner estimates other agents' cooperation levels using nonlinear opinion dynamics, then adapts a Velocity-Obstacle policy for robust, communication-free crowd navigation.

Authors: Diego Martínez-Baselga, Eduardo Sebastián, Eduardo Montijano, Luis Riazuelo, Carlos Sagüés, and Luis Montano

SPECTRUM ROBOTS GUIDE

ROBOT OF THE MONTH

[Reachy 2](#) is a fully open-source humanoid robot purpose-built for embodied AI, robotics research, and real-world applications. It features expressive head and arm movements that enable natural human-robot interaction, along with a new manipulator arm and gripper for performing physical tasks.

[Learn More](#)



Discover Reachy 2 on the [IEEE Spectrum Robots Guide](#), which RAS co-sponsors. This Guide is an interactive catalog featuring hundreds of real-world bots, including humanoids, drones, self-driving cars, and more. Browse detailed technical specs and read the latest news in the robotics field!

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