



IEEE ROBOTICS & AUTOMATION SOCIETY

# NEWSLETTER

SEPTEMBER 2025

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## AWARDS

## IEEE RAS Members: Your Voice Matters

The [RAS Administrative Committee \(AdCom\) Election](#) is coming soon! **The 6-week election is expected to start around 1 October 2025.** This is your opportunity to help shape the future of the Robotics and Automation Society. All eligible RAS members will receive voting instructions by email. Make sure your IEEE membership is active and your contact info is up to date!

The [2025 IEEE Annual Election](#) is also underway!



As a voting member of the IEEE Board of Directors, the Division X Director represents the following IEEE societies and councils: Robotics and Automation Society, Engineering in Medicine and Biology Society, Control Systems Society, Computational Intelligence Society, Systems, Man, and Cybernetics Society, Photonics Society, Sensors Council, Systems Council, and the Biometrics Council. If you are a member of any of the above societies or councils as of 31 March 2025, then have your voice heard at IEEE by casting your vote for the next Division X Delegate-Elect/Director-Elect.

Voting runs from 15 August to 12:00 noon ET, 1 October 2025.

[Learn More](#)

## Nominate a Colleague for the 2027 IEEE Robotics and Automation Award



The IEEE Robotics and Automation Award for contributions in the field of robotics and automation is accepting nominations. The nomination deadline is 15 January 2026.

[Learn More](#)

## IEEE-RAS Outstanding Women in Robotics & Automation (WiRA) Paper Awards

The IEEE-RAS Women in Engineering (WiE) Committee is excited to announce the call for the [Outstanding WiRA Paper Award](#) at IROS 2025.

Winners will be awarded with a US\$1,000 prize for travel & research costs, a presentation at IROS Women's Forum (Oct 22), an award ceremony at IROS RAS-WiE luncheon (Oct 22), and recognition certificates!

We're seeking nominations for TWO prestigious awards:

- Outstanding WiRA Student Paper Award - For female students with first-authored papers accepted at IROS 2025
- Outstanding WiRA Early Career Contribution Award - For early-career female researchers (within 7 years post-PhD) who supervised/directed the research

The deadline for [nominations](#) is 28 September 2025 (11:59 pm AOE).

## MEMBERSHIP & SOCIETY NEWS

## Renew Your RAS Membership

Don't forget to renew your membership! By being a part of the IEEE Robotics and Automation Society, you've taken a significant step in your professional journey.

[Renew Today!](#)

RAS can elevate your career and connect you to a vibrant, forward-thinking community! [Hear](#) from one of our inspiring RAS Ambassadors as he shares how his RAS membership has empowered his journey, from accessing cutting-edge research to building a worldwide network of collaborators.

## New Virtual Manufacturing Workshop



**IEEE RAS  
Manufacturing  
Workshop**

24 September, 2025  
11am - 1pm ET

From prototype to your first 100 robots, get expert guidance, industry insights, and startup support.

[REGISTER NOW](#)

The graphic features a central image of a person's hands working on a small robot on a workbench. The background is a mix of purple and grey tones with a circular frame around the main image.

Join the first-ever online edition of the IEEE RAS Manufacturing Workshop, previously featured at ICRA, IROS, and ROSCon. The workshop will be held on 24 September 2025 from 11am – 1pm ET!

Don't miss this opportunity to accelerate your journey to manufacturing! Learn more and [register now](#).

## Take the Automation & Society Survey

This short survey is designed to capture perspectives from across the community.

Key topics include:

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

[Take the Survey](#)

## Call for Proposals: Access and Abilities Service Learning Projects



**EPICS  
by IEEE**



Deadline: October 1, 2025

**Call for Service  
Learning Projects**

Create Community-Driven Accessibility Solutions

<https://www.epics.ieee.org/548-2025-call-for-proposals>



The graphic is a dark blue and green poster. It features a QR code, a small image of people working on a project, and the IEEE Robotics & Automation Society logo. The text is white and yellow.

Apply Today!

[EPICS in IEEE](#) is offering up to US\$10K in funding for service learning projects that improve accessibility through technology. Focus areas include assistive tech, adaptive services, and redesign for equal access. Bring your community-driven ideas to life!

The deadline to apply is **1 October 2025**.

If you are a member, remember to select RAS in your application.

### **LAST CALL for 2025 Distinguished Lecturer Events**

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 3 months in advance.
- Check out the list of approved DLs and submit your request today.

Explore the DL List and Apply Today!

**CONFERENCES**

## Discover the Next Generation of Humanoid Robots



Register

Join the global robotics community at the [2025 IEEE-RAS International Conference on Humanoid Robots](#), taking place 30 September – 2 October 2025 at COEX in Seoul, Korea. If already registered, check out [RAS Events happening at Humanoids!](#)

This premier event features keynote talks, interactive sessions, workshops, competitions, and a joint program with the Conference on Robot Learning (CoRL). Don't miss this opportunity to engage with cutting-edge research and innovation in humanoid robotics.

## Register Now for IROS 2025



Join us at the 2025 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS). IROS 2025 will take place 19 - 25 October 2025 in Hangzhou, China; the theme is **Human-Robotics Frontier**.

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

## Call for IROS 2025 Social Media Ambassadors



[Apply](#) for our last ambassador opportunity of the year at the 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 \$500 award for their help.

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

You can apply by filling out this [form](#). The deadline is **1 October 2025**.

## Creativity in Robotics



Watch on YouTube

During IEEE CASE 2025, Prof. Ken Goldberg gave a talk about robotics and creativity, and also shared advice for young professionals.

Prof. Ken Goldberg is the William S. Floyd Jr. Distinguished Chair in Engineering at the University of California, Berkeley. He is a roboticist and artist whose research spans robotics, automation, and machine learning, particularly focusing on cloud robotics and human-robot collaboration. Beyond academia, he is widely recognized for blending art and technology, with exhibitions of his work featured internationally.

## PUBLICATIONS

### New Issues Out Now!

Robotics and Automation Magazine: [September 2025, Vol. 32, No.3](#)

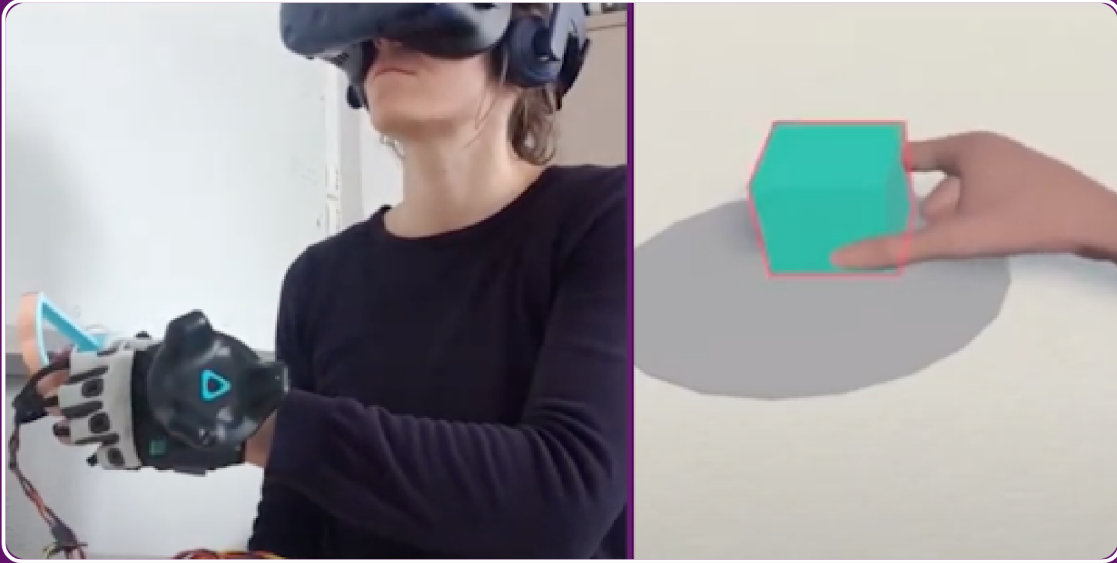
IEEE Robotics and Automation Letters: [Issue 10](#)

IEEE Transactions on Field Robotics: [Volume 2](#)

### Upcoming Call for Papers Deadlines

- **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](#)

### **The Snail: A Wearable Actuated Prop to Simulate Grasp of Rigid and Soft Objects in Virtual Reality**

A snail in haptics? Yes!

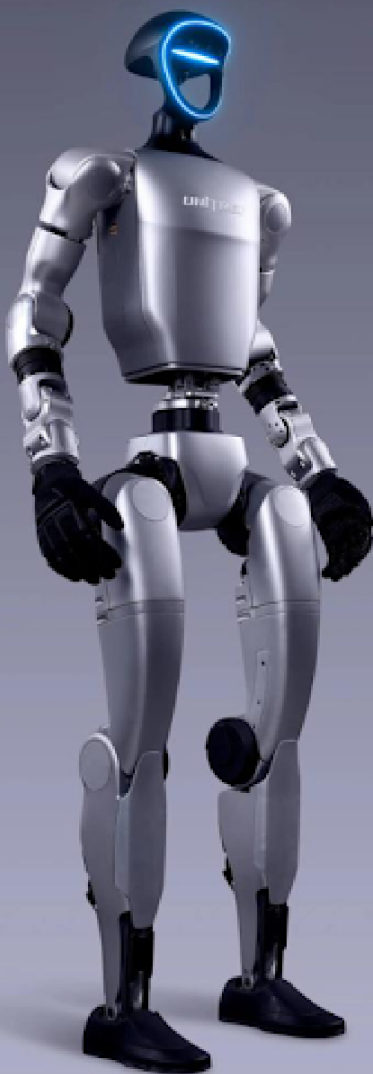
The Snail is a wearable, 3D-printed haptic device simulating grasping force feedback in VR by rotating a thumb prop. User studies show improved perception of object size and softness, enhancing VR interaction beyond standard vibration cues.

**SPECTRUM ROBOTS GUIDE**

## ROBOT OF THE MONTH

The [Unitree G1](#) is a compact humanoid robot designed for AI-powered mobility and manipulation. It stands out for its agility, force-controlled dexterous hands, and the ability to perform tasks like backflips and fine object handling.

[Learn More](#)



Discover Unitree G1 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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