



Newsletter

January 2024

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MEMBERSHIP & SOCIETY NEWS

RAS Welcomes the 2024-2024 ExCom

RAS welcomes a new Executive Committee (ExCom) under the leadership of **President Aude Billard** for the 2024-2025 term. The RAS Executive Committee (ExCom) is chaired by the IEEE Robotics & Automation Society President and consists of its Chair, the President-Elect, all the Vice Presidents, the Treasurer, and the Secretary. Between meetings of the Administrative Committee (AdCom), the ExCom is empowered to act for the Society except on matters which the AdCom has by resolution expressly reserved to itself.



[Full ExCom](#)

2024 IEEE-RAS Fellow Class Announced

Congratulations to the IEEE Robotics and Automation Society (RAS) members who were elevated to Fellow grade, effective 1 January 2024! Nominees for IEEE Fellow must hold the grade of Senior Member or Life Senior Member to qualify for elevation to Fellow status.

[Full List](#)

CONFERENCES

Save the Date: ICRA @ 40

1984 saw the birth of both the IEEE Robotics and Automation Society (RAS) and the IEEE International Conference on Robotics and Automation (ICRA). **ICRA 2024** (to be held 13-17 May 2024 in Yokohama, Japan) marks the 40th anniversary of the event, whose inaugural edition was held in 1984 in Atlanta, Georgia, USA. Additionally, the IEEE Robotics and Automation Council—which eventually became RAS—began operations in 1984.

To commemorate the 40th anniversary of these important institutions, RAS will host **an additional event in 2024. ICRA @ 40** will be a **special edition, single-track conference** held in **Rotterdam, NL** from **23-26 September 2024**.

More details will follow in the coming weeks and months; but save the dates, and please join us for ICRA @ 40!

CASE 2024: Papers and Special Sessions Submission Deadline Approaching

The submission deadline for **CASE 2024** is approaching soon. Special session and workshop proposals, regular papers, industry papers, and presentation-only papers related to the conference topics are all welcome.

But hurry! The deadline to submit special sessions is fast approaching: **8 February 2024**.

[Special Sessions](#)

Register Now for RoboSoft 2024



The **2024 IEEE-RAS International Conference on Soft Robotics (RoboSoft 2024)** will take place 14-17 April 2024 at the Hard Rock Hotel in San Diego, CA. This is the only international conference focused on all aspects of soft robotics, and this will be the first time it takes place in-person in the United States.

In addition to numerous networking activities, the conference program will include workshops, plenary talks, competitions, technical presentations, interactive poster sessions and opportunities to learn from leading researchers in the field of Soft Robotics.

Register now! The discounted early registration runs through 1 March 2024. Check out the website for more details.

[Registration Details](#)

EDUCATION

Call for Proposals: 2025 RAS Technical Education Programs

Each year, RAS offers financial support for its Technical Education Program (TEP), also known as its "Seasonal Schools" program. Run jointly by the RAS Educational Activities Board (EAB) and the RAS Technical Activities Board (TAB), the TEP sponsors schools around the world, to be held in person, virtually, or in a hybrid format.

More information may be found on the **website**. Note that the submission deadline is **15 April 2024**. Please reach out to ras@ieee.org with any questions.

[Application Form](#)

Apply Now for the RAS Response Robotics Seasonal School and Workshop

Are you a research student developing the next generation of robotic technologies to assist first responders? If so, join us at the upcoming IEEE-RAS Response Robotics Seasonal School and Workshop!

It will be held 4-7 March in Texas and travel support is available for IEEE-RAS students. Note that the application deadline is **1 February 2024**.

[Website](#)

PUBLICATIONS

New Issues of T-ASE, RA-L, ToH available on IEEE *Xplore*

We are pleased to announce that new issues of T-RO, RA-M, and RA-L are now available on IEEE *Xplore*. Check them out!

- *IEEE Transactions on Automation Science and Engineering* (T-ASE) Volume 21, Issue 1. Click [here](#) for the Table of Contents and check out the full issue [here](#)!
- *IEEE Robotics and Automation Letters* (RA-L): **a new batch** of papers is now available!
- *IEEE Transactions on Haptics* (ToH) Volume 16, Issue 4. Click [here](#) for the Table of Contents, and check out the full issue [here](#)!

CFP: RA-M Special Issue on Humanoid Robots

We are pleased to announce a new special issue for *IEEE Robotics & Automation Magazine* (RA-M) on Humanoid Robots. Note that the submission deadline is **1 May 2024**.

[Special Issue Aims & Scope](#)

INDUSTRY NEWS

Call for Applications: IERA Award 2024

The purpose of the IEEE/IFR Innovation and Entrepreneurship in Robotics and Automation (IERA) Award is to highlight and honor the achievements of the inventors who value creating ideas and entrepreneurs who propel those ideas into world-class products. In a joint event, the IEEE Robotics and Automation Society (RAS) and the **International Federation of Robotics (IFR)** will therefore recognize and honor the outstanding personal achievements of entrepreneurs in the commercialization of innovative robotic and automation technology.

Click [here](#) and check out **this year's handout** for more details. For more information about the award, including previous winners, check out the **IEEE IERA page**. Please note that applications are due by **10 February 2024**; they may be submitted either to secretariat@ifr.org or to ras@ieee.org.

Call for Applications: Travel Grants for Students Participating in IEEE Robotic Standardization Efforts (SPIRSE)

RAS wants to encourage students to play an active role in existing robotics standardization efforts. The Society has a number of approved and **active standardization efforts**, and we have set aside funds to provide travel support to students interested in attending the **2024 IEEE International Conference on Robotics and Automation (ICRA)**, which will be held in Yokohama, Japan from 13-17 May 2024. ICRA 2024 will feature numerous IEEE robotics standardization meetings.

We expect to award **three travel grants** to cover flights, hotel reservations, and conference registration within the IEEE guidelines and not to exceed US\$3,000 each. The application deadline is **1 February 2024**. Click **here** for more information and application instructions.



SPECTRUM ROBOTS GUIDE ROBOT OF THE MONTH

Nybble

Meet **Nybble**, a little robot cat that is fully programmable, enabling it to walk around and do tricks. Its capabilities can be expanded using open-source hardware such as Raspberry Pi and Arduino-compatible modules to make robots sense and interact with people and objects.



Discover Nybble 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!

Questions or comments? Reach out to ras@ieee.org.



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