IEEE Robotics and Automation Society Congratulates Recently Elevated IEEE Senior Members

Congratulations to the IEEE Robotics and Automation Society (RAS) members recently elevated to Senior Member status by the IEEE Admission and Advancement Senior Member Review Panel. To be eligible for application or nomination, candidates must

- be engineers, scientists, educators, technical executives, or originators in IEEE-designated fields
- have been in professional practice for at least 10 years
- have shown significant performance over a period of at least five of those years in professional practice.

In addition, candidates for Senior Member grade must supply three references from current IEEE Members holding the grade of Fellow, Senior Member, or Honorary Member.

For more information, visit https://www.ieee.org/membership/senior/ or email senior-member@ieee.org.

The names and affiliations of the new Senior Members are as follows:

- *Mehmet Adalier*
  Antara Teknik
  Sacramento Valley Section
- *Md Hazrat Ali*
  Nazarbayev University
  Region 8–Countries outside Sections
- *D. Vijendra Babu*
  Aarupadai Veedu Institute of Technology
  Madras Section

- *Erik Beall*
  Digilabs and Hema Imaging
  Twin Cities Section
- *Stephan Biller*
  IBM
  Eastern North Carolina Section
- *Elias Bortokán*
  Bortokán Institute
  Puerto Rico and Caribbean Section
- *Vincenzo Calabrò*
  Cybertronics and Norwegian Subsea
  Italy Section
- *Chan-Jin Chung*
  Lawrence Technological University
  Southeastern Michigan Section
- *Christopher Clark*
  Harvey Mudd College
  Foothill Section
- *Filip Cuckov*
  University of Massachusetts Boston
  Boston Section
- *Wangli He*
  East China University of Science and Technology
  Shanghai Section
- *Juan David Hernandez-Vega*
  Rice University
  Houston Section
- *Andreas Kugi*
  Vienna University of Technology
  Austria Section
- *Gopalakrishna Kuppa*
  Bangalore Section
- *Muyinatu Lediju Bell*
  Johns Hopkins University
  Baltimore Section
- *Yen-Chen Liu*
  Cheng Kung University
  Tainan Section National

- *Carlo Menon*
  Simon Fraser University
  Vancouver Section
- *Stefan Mocanu*
  Polytechnic University of Bucharest
  Romania Section
- *Kevin Moerman*
  National University of Ireland Galway
  United Kingdom and Ireland Section
- *Fabio Morbidi*
  Université de Picardie Jules Verne
  France Section
- *Jay Morreale*
  p-brane LLC
  North Jersey Section
- *Alessandro Papadopoulos*
  Mälardalen University
  Sweden Section
- *Kyle Reed*
  University of South Florida
  Columbus Section
- *Nikolaos Vitzilaios*
  University of South Carolina
  Columbia Section
- *Qining Wang*
  Peking University
  Beijing Section.

Welcome to Eight New IEEE Robotics and Automation Society Chapters

Congratulations and welcome to the following newly organized RAS Chapters.

Region 5
- United States
  - IEEE Denver Section Joint Chapter, Information Theory/Computer/RASs

Region 8

- Italy
  - Politecnico Di Milano IEEE Robotics and Automation and Industrial Electronics Joint Societies Student Branch Chapter
- Turkey
  - Cankaya University, IEEE Power and Energy/Robotics and Automation/Computer/Industrial Applications/Aerospace and Electronic Systems Societies Joint Student Branch Chapter
  - Eastern Mediterranean University RAS Student Branch Chapter

Region 9

- Ecuador
  - Universidad Politecnica Salesiana—Quito RAS Student Branch Chapter in the Ecuador Section

Region 10

- India
  - Peoples Education Society University RAS Student Branch Chapter in the Bangalore Section
  - Saveetha Engineering College—Kancheepuram RAS Student Branch Chapter in the Madras Section
  - SRM Institute of Science and Technology—Kattankulathur RAS Student Branch Chapter in the Madras Section

Attention IEEE Robotics and Automation Society Chapters: The Distinguished Lecturer Program Is Revised and Enhanced!

Consider taking advantage of the revised program that is designed to promote the research areas of the RAS as identified by its technical committees. More than 40 lecturers are currently available, with more to be appointed soon.

The Distinguished Lecturer program is especially desirable for RAS Chapters that do not regularly have the opportunity to invite international speakers or to travel to conferences.

More information may be found at https://www.ieee-ras.org/educational-resources-outreach/distinguished-lecturer-program

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that the system meets its specifications. During the ICRA meeting, members discussed the core best practices the guide will cover: terminology, how to build an assurance case, types of tools and techniques, and templates for verification processes. These best practices will support designers, developers, and their commercial partners as they transition autonomous systems from the lab to the rest of the world. For more information about this working group, please contact Signe Redfield at signe@ieee.org.

Robot Agility Study Group Meeting

The Robot Agility Study Group had its kickoff meeting at ICRA 2019. The meeting was attended by 10 people, and there was a very good discussion about the processes and procedures for the study group as well as forming a working group. The group also discussed the results of the recently completed Agile Robotics for Industrial Automation Competition, Year 3, and how the lessons learned from the competition can be used as the basis for the study group moving forward.

The meeting concluded with good suggestions for future work, including to make sure that the proposed future standard(s) and metric(s) be as general as possible and work across multiple applications. For more information about this working group, please contact Anthony Downs at anthony.downs@nist.gov.

Reference

[1] C. Schlenoff, "IEEE RAS standards update [Standards]," *IEEE Robot. Autom. Mag.*, vol. 26, no. 2, pp. 109–110, 2019. doi: 10.1109/MRA.2019.2910419.