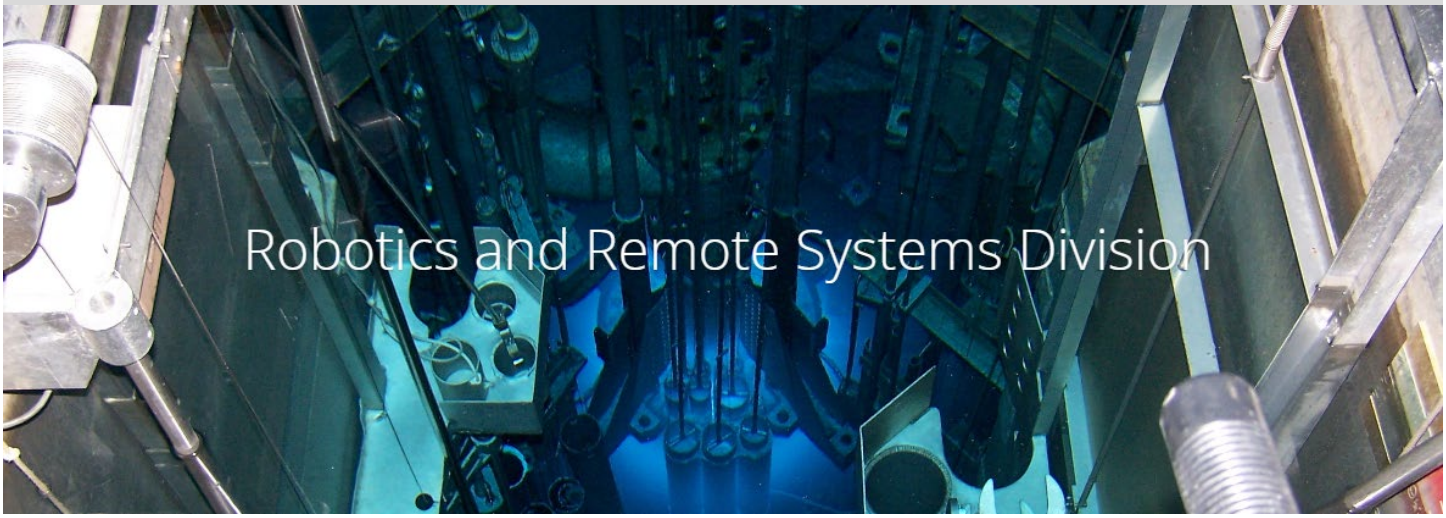

A Message from the Chair

Hello! I am Adam Carroll, the Chair of the Robotics and Remotes Systems Division, and a senior mechanical engineer at Oak Ridge National Laboratory. RRSD had an excellent 2024, our membership has expanded to 426 RRSD members and the RRSD / DESD embedded topical, Decommissioning Environmental Sciences and Remote Technology 2024 was a great success. RRSD held two full days of technical and panel sessions focused on the latest development in robotics and remote handling technologies from government, universities, and industry experts. For several of the sessions we filled the room to capacity!

Robotics in Extreme Environments Panel (left: Y Z, James Dubay, Mitch Pryor, Scott Martin, Christian Pilon, and Venu Varma)

Moving into 2025 we are starting a series of one-hour long webinars, providing three or four speakers an opportunity to discuss an interesting robotic or remote handling problem and their solution. The first of these webinars will focus on industry and is tentatively scheduled for mid-February. Later series will include National Laboratories, Universities, and Special Topics. Please stay tuned for details as dates, times, and participates are finalized.

Officers

Adam Carroll - Chair

Chris Eason – Vice Chair

Anthony Abrahao – Vice Chair

Wendell Chun - Secretary

Y Z - Treasurer

Young Soo Park – Ex-Officio

Youndo Do – Student Com. Member

Executive Committee

Venu Varma (2025)

Eliott Fountain (2026)

Lucas Gallegos III (2026)

Leo Lago (2026)

Anamary Daniel (2027)

Fan Zhang (2027)

Syed Alam (2027)

Website
https://rrsd.ans.org/

List of Upcoming Events

Student Conference
April 3-5, 2025
Albuquerque, NM

Annual Meeting
June 15-18, 2025
Chicago, IL

Winter Conference
November 9-12, 2025
Washington, DC

Youndo Do, RRSD's New Student EC Member

Youndo Do is a PhD student at Georgia Tech, with an expect graduation date in 2027. He has extensive experience and great passion in the field of robotics and remote sensing. His current research focuses on building a nuclear power plant digital twin for robots and automating robots using deep learning and reinforcement learning techniques, which can enhance operational efficiency and safety within nuclear facilities. With a solid background in developing and implementing AI models for various unexpected environments, he has successfully led several projects aimed at enhancing performance through advanced AI models.

Ray Goertz Award Presented to Prof. Tulenko

The Ray Goertz Award was established in 1985 to recognize outstanding contributions to the field of remote technology in hazardous environments. It honors the late Raymond C. Goertz for his lifetime contribution to the advancement of remote handling systems and for his development of the master-slave manipulator. Starting with the planning of the first formal informational exchange meeting held in 1951, Ray Goertz was also instrumental in the founding of the Robotics and Remote Systems Division (RRSD)

In 2024, RRSD is proud to award Dr. James S. Tulenko, from University of Florida, the Ray Goertz Award due to his long-time contributions to the field of robotics and robotics education. Prof. Tulenko was the 50th President of ANS and Chair of RRSD twice. ANS wrote of profile of Prof. Tolenko in 2004. The link is provided.

https://www.ans.org/file/524/james-s-tulenko-nn-article.pdf

If you know of a person deserving of the Ray Goertz Award, we would appreciate you submitting a nomination form for our review. There are also a series of other awards available for nominations.

https://rrsd.ans.org/scholarships/honors-and-awards/