

TECHNICAL COMMITTEE FOR

MODEL-BASED OPTIMIZATION FOR ROBOTICS



<https://www.tcoptrob.org/>

Call for Student Co-Chairs

The IEEE-RAS TC on Model-Based Optimization for Robotics invites applications for student co-chairs to join the committee.

The scope of the IEEE RAS TC on Model-based Optimization for Robotics is the development and application of model-based optimization techniques for the generation and control of dynamic behaviors in robotics and their practical implementation. Our TC organizes various events such as monthly seminar series, social events at ICRA/IROS, best paper awards, virtual poster sessions, etc. to engage with researchers in this area. We have been a very active TC and growing TC over the past few years (with approx. 200 members) including winning the RAS Most Active Technical Committee Award in 2022 and Blue Ribbon Technical Committee Status in 2023.

Role Description:

As a student co-chair, you will work closely with the Co-Chairs and Associate Co-Chairs of the Technical Committee on Model-based Optimization for Robotics assisting in the organization and coordination of the technical activities.

Your responsibilities will include:

1. Assisting in the planning and execution of committee events (e.g. meetings, workshops, etc.)
2. Facilitating communication between committee members and students in the field
3. Contributing to the development of committee initiatives
4. Promoting the committee's work and recruiting new student members
5. Representing the student perspective within the committee

Requirements:

1. Current enrollment in a PhD or MS-PhD program related to model-based optimization
2. Demonstrated interest in the field of model-based optimization for robotics
3. Excellent communication and organizational skills
4. Ability to commit to the role and volunteer for 2-3 years

Benefits:

1. Opportunity to network with professionals and researchers in the field
2. Gain leadership experience and contribute to the advancement in the field
3. Enhance your understanding of the technical and practical aspects of model-based optimization for robotics
4. Be a part of a global community dedicated to promoting model-based optimization methods
5. Support to attend RAS flagship conferences to help with event and workshop organization

To Apply:

Please send a letter of motivation (max 1 page) along with your recent CV by **January 15, 2024 (AOE)** via the following form: <https://forms.gle/kW6P9Ksf1PaJgY7R6>