

Candidate Information Template

CANDIDATE NAME AJung Moon

CANDIDATE EMAIL ADDRESS ajung.moon@mcgill.ca

CANDIDATE AFFILIATION AND ADDRESS

McGill University
Department of Electrical and Computer Engineering
Room 633, McConnell Engineering Building
3480 University Street
Montreal, Quebec, Canada
H3A 0E9

IEEE MEMBER NUMBER 90540838

COUNTRY OF RESIDENCE Canada

HOW WOULD YOU CATEGORIZE YOUR CURRENT ORGANIZATION?

☐ **Government**

☒ **Academia**

☐ **Industry**

☐ **Retired**

☐ **Other**

POSITION SOUGHT

IEEE Robotics and Automation Society Administrative Committee Member

BIOGRAPHY

Please provide a biographical statement exclusive of your IEEE activities. (150 words maximum)

AJung Moon is an Associate Professor in the Department of Electrical and Computer Engineering at McGill University, Canada, and a Core Member of the Quebec AI institute (Mila). She directs the RAISE (Responsible Autonomy & Intelligent System Ethics) lab where she explores the intersection between responsible robotics, human-robot interaction (HRI), and AI ethics. Her team's work is highly interdisciplinary and spans classic empirical HRI studies, case studies, to technology policy.

Prior to joining McGill, she served as a Senior Advisor for the UN Secretary-General's High-level Panel on Digital Cooperation, and ran a start-up AI ethics consultancy, Generation R Consulting. She also founded the Open Roboethics Institute, a Canadian nonprofit that investigates societal and ethical implications of robotics and AI. She received her BAsC degree in Mechatronics Engineering from the University of Waterloo, and a MASc and a PhD in Mechanical Engineering from University of British Columbia.

IEEE ACTIVITIES

Please list your IEEE positions with dates of service.

Service:

- Mar. 2026 – present, IEEE Robotics and Automation Society (RAS) Technical Committee on Trustworthy Robotics (**currently in proposal stage**), Associate Chair

- Jun. 2021 – Jul. 2025 IEEE SSIT Technical Committee on Ethics & Human Values, Member
- Apr. 2016 – 2023 IEEE Global Initiative on Ethics of Autonomous Intelligent Systems. Member, Executive Committee
- Apr. 2016 – Jun. 2017 IEEE Global Initiative on Ethics of Autonomous Intelligent Systems, Chair, Committee on Embedding Values into Autonomous Intelligent Systems.

IEEE Conference/Event Participation/Organization

- 2015 HRI Pioneers Workshop at the ACM/IEEE Conference on Human-Robot Interaction (Workshop), Publicity Chair
- 2015 The Emerging Policy and Ethics of Human-Robot Interaction Workshop at the 2015 IEEE/ACM Conference on Human-Robot Interaction (Workshop), Co-Chair
- 2016 Workshop on How to Imbue Ethics and Values into AI, IEEE Symposium on Ethics of Autonomous Systems (SEAS Europe) (Workshop), Chair
- 2017 IEEE IROS Workshop on 'Best practices in designing effective roadmaps for robotics innovation' (Workshop), Co-Organizer
- 2019 From Principles to Practice – Creating the Standards for Ethically Aligned Design (IEEE) (Workshop), Co-Facilitator
- 2021 IEEE Int'l Conf. on Robot and Human Interactive Communication, Competition Committee Chair
- 2021 IEEE/RSJ IROS Workshop on the Roles of Robotics in Achieving the UN Sustainable Development Goals (Workshop), Moderator
- 2022 IEEE Int'l Conf. on Robotics and Automation (ICRA), Publicity Co-Chair
- 2022 IEEE Int'l Conf. on Robotics and Automation (Conference), Session Chair

QUALIFICATIONS

What are your qualifications for this position? i.e., what makes you an ideal candidate for this position?

My qualification for the Administrative Committee stems from the interdisciplinary expertise I bring to the Robotics and Automation Society. At a time where AI-powered robots are poised to disrupt not only the industry but also everyday people in daily life contexts, considerations for responsible robotics practice and Human-Robot Interaction (HRI) are arguably two of the most important areas of robotics for building a resilient, thriving society with robots. I bring my expertise in both of these areas to the Committee.

I served in key logistical roles for major IEEE conferences, including Publicity Co-Chair for ICRA 2022 and Competition Committee Chair for RO-MAN 2021, where I managed high-visibility initiatives that engaged the broader robotics community. In addition, I've been part of IEEE communities adjacent to RAS that focus on societal implications of the technologies. In particular, I served on the Technical Committee on Ethics & Human Values (part of IEEE Society on Social Implications of Technology). I also actively shaped the IEEE RAS landscape by serving on the Executive Committee of the IEEE Global Initiative on Ethics of Autonomous Intelligent Systems (2016–2023) and Co-chair of the Committee on Embedding Values into Autonomous Intelligent Systems for the IEEE Global Initiative. While, as an Associate Professor at McGill University, I represent the academic community within RAS, I also bring my experience from outside academia. I worked as Senior Advisor for the United Nations High-level Panel on Digital Cooperation, and as CEO and founder of an AI ethics start-up.

MAJOR ACCOMPLISHMENTS

List the major contribution(s) (up to five) you have brought to IEEE in your previous assignments. If you have not volunteered for IEEE before, list relevant contributions you have made with other organizations or in related work experience.

- Helping to lead the IEEE Global Initiative on Ethics of Autonomous Intelligent Systems as an executive committee member from its inception, producing co-authored, globally celebrated guidelines, the IEEE Ethically Aligned Design versions 1.0 and 2.0, and helping to shape the launch of IEEE 7000 series of standards.

- Founding chair of the Committee on Embedding Values into Autonomous Intelligent Systems within the IEEE Global Initiative on Ethics of Autonomous Intelligent Systems, spearheading value-based thinking in the Initiative's activities

POSITION STATEMENT

If elected to the position, what are your plans and how will they help support the mission of IEEE RAS?

I believe in the power of community to deliver lasting change. IEEE RAS represents a community that connects technical experts from across the world to build a better future with robotics and automation. As an Administrative Committee member, I plan to help ensure that the RAS community supports diversity and inclusivity in our community's activities, not only for the select few or the community itself but for the humanity. With robotics serving as technology that is easy to be weaponized as instruments of geopolitical conflicts, unsustainable competition, and unfair power dynamics, it is more important than ever for global communities such as RAS to provide a safe space for everyone to participate and contribute. This also means embracing disciplinary differences, and building bridges across boundaries – both geographical and across IEEE communities.

COMMITMENT TO SERVICE

I, AJung Moon, hereby certify that if elected, I will serve in the position to which I am elected for the term of the office.