



DAY ONE | WEDNESDAY, NOVEMBER 15

PROGRAMME

<p>4:00PM - 10:00PM New Member Videos 📍 Laurel Creek Room</p>	<p>New Members are invited to produce an introductory video highlighting their research that are displayed during the COEE conference. Drop by and learn more about the members we are celebrating this year!</p>
<p>4:00PM - 10:00PM University of Waterloo Showcase - Interactive Displays 📍 Delta Waterloo Silver Lake A / B</p>	<p>COEE2023 begins with an evening of discovery and interaction with interdisciplinary displays from University of Waterloo's centres, institutes, and campus tours. Take the opportunity to network and connect with colleagues throughout the evening and wrap up your day with a reception at 8:30pm at the Delta Waterloo Hotel.</p>
<p>6:15PM - 7:45PM Tour A: RoboHub & Sedra Student Design Centre 📍 University of Waterloo</p>	<p>The Waterloo Robo Hub is a state-of-the-art robotics research and training facility with a globally unique fleet of fixed-base, wheeled, humanoid, aerial and magnetically levitated robots.</p> <p>The Robo Hub was established by the largest single investment in robotics research by the federal and provincial governments in the past decade. Our facility enables researchers, industry partners and students alike to develop and deploy heterogeneous robot teams and simulate complex, real-world environments. To support academic and industry projects, the facility has dedicated infrastructure including an advanced 360° 3D indoor positioning system, a control centre for effective fleet management and visualization, and privacy glass for confidentiality.</p> <p>The University Of Waterloo Sedra Student Design Centre is a state-of-the 20,000 square foot facility that is home to the Faculty of Engineer's student competition teams. Opened in October 2010, the center is the largest facility of its kind in North America. The Sedra Student Design Centre provides individual work bays for each team, machine shop and welding facilities, computational resources, and special purpose spaces for composites, painting, electric vehicle component testing, and rapid prototyping. Two thirds of the spaces are visible through glass walls from the public areas of the building, giving each team exposure to potential new students and sponsorship opportunities, as well as providing an active, exciting view of the Faculty of Engineering.</p> <p>There are over 35 different student teams that access the resources of the Sedra Student Design Centre, including the Midnight Sun Solar Rayce Car Team, UW Alternative Fuels Team and the Formula Motorsports Team. With individual teams having between 10 and 80 active members, a total of well over 1000 students regularly access the resources of the design centre in a typical term.</p>
<p>6:15PM - 7:45PM Tour B: Velocity & GreenHouse 📍 University of Waterloo</p>	<p>Velocity welcomes you to their downtown Kitchener incubator location for an exclusive tour hosted by Adrian Côté, executive director of Velocity and Moazam Khan, director of Velocity health and founder of Curiato.</p> <p>Here you will witness company demos and find out how Velocity accelerates entrepreneurs' growth from ideas to early-stage start-ups and beyond. At Velocity founders have access to unmatched resources, collaboration space, funding, and an expansive and experienced network made possible only by the University of Waterloo — Canada's top university for founders. Velocity is the only incubator in Canada that can support interdisciplinary deeptech.</p> <p>In the 15 years since its inception as a University of Waterloo residence, more than 400 Velocity companies have netted over US\$26 billion in enterprise value.</p> <p>Notable Velocity alumni include ApplyBoard, North, Vidyad, Sortable, Mappedin and Kenota Health.</p> <p>GreenHouse is a social impact incubator for students and community members who want to create social or environmental change. We train students to develop entrepreneurial and intrapreneurial knowledge, skills, and mindsets and help them build their professional networks. Every term, our team delivers the Social Innovators in Training program and community innovation challenges through the Changemaker Labs program. GreenHouse also manages the Social Impact Fund, which provides seed funding to advance the creation and launch of student-led programs, products, services, ventures and other social change initiatives. At the end of every term, we host the Social Impact Showcase to celebrate the accomplishments of our students.</p>

<p>8:30PM - 10:00PM Welcome Reception 📍 Delta Waterloo Silver Lake A / B</p>	<p>Featuring canapés and drinks.</p>
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DAY TWO | THURSDAY, NOVEMBER 16

PROGRAMME

<p>7:30AM - 10:00AM New Member Videos 📍 Laurel Creek Room</p>	<p>New Members are invited to produce an introductory video highlighting their research that are displayed during the COEE conference. Drop by and learn more about the members we are celebrating this year!</p>
<p>7:30AM - 8:30AM Symposium Registration 📍 Federation Hall</p>	<p>Register for the University of Waterloo Research Symposium: Health and Wellbeing for All by 2030: Application of technology to global health problems.</p>
<p>8:30AM - 4:00PM University of Waterloo Research Symposium: Health and Wellbeing for All by 2030: Application of technology to global health problems 📍 Federation Hall</p>	<p>Transformative research, experiential education, and entrepreneurship are the foundations for addressing complex health challenges. The symposium's theme is health technology and its applications: big data, mobile health monitoring, remote health monitoring, advances in imaging and nanomedicine for gene therapy. Preparing for the future demands more than technology development; it requires motivated researchers, students, and alumni to nurture ideas into innovation and find new health data applications that create an equitable landscape of access to care while working in partnership with clinicians, patients, healthcare providers, technology companies, and the innovation ecosystem. This symposium examines the seismic shift happening today and illuminates the opportunity to leverage our tradition in advancing the design of human-centred solutions responding to the needs of Canadians for a healthier future.</p>
<p>6:00PM - 7:30PM Presentation of New Members of the College 📍 Federation Hall</p>	<p>This ceremony formally welcomes new Members of the College in a format that showcases the interdisciplinary character of the College by encouraging new members to introduce other new members they are meeting for the first time.</p>
<p>8:00PM - 10:00PM Reception and Welcome to Waterloo 📍 Federation Hall</p>	<p>This reception is a gathering that formally opens the conference and is an opportunity to celebrate the College Members of 2023.</p>

DAY THREE | FRIDAY, NOVEMBER 17

PROGRAMME

<p>9:00AM - 11:30AM Academy Meeting - Arts & Humanities 📍 Laurel Creek Room, Delta Waterloo Hotel</p>	<p>This meeting convenes Members of the Academy of Arts & Humanities to discuss activities of the previous year and programming for the year ahead. College Members are invited to join.</p>
<p>9:00AM - 11:30AM Academy Meeting - Science 📍 Silver Lake B, Delta Waterloo Hotel</p>	<p>This meeting convenes Members of the Academy of Science to discuss activities of the previous year and programming for the year ahead. College Members are invited to join.</p>
<p>9:00AM - 11:30AM Academy Meeting - Social Sciences 📍 Delta Waterloo Grand River, Delta Waterloo Hotel</p>	<p>This meeting convenes Members of the Academy of Social Sciences to discuss activities of the previous year and programming for the year ahead. College Members are invited to join.</p>

<p>9:00AM - 11:30AM Meeting of the College 📍 Silver Lake A / B, Delta Waterloo Hotel</p>	<p>This meeting convenes Members of the College to discuss activities from the previous year and programming for the year ahead.</p>
<p>12:00PM - 1:30PM Award Ceremony 📍 Federation Hall</p>	<p>RSC presents a series of awards and medals to honour individuals selected for their exceptional contributions.</p>
<p>3:00PM - 6:00PM Induction Ceremony for New Fellows 2023 📍 Federation Hall</p>	<p>This ceremony welcomes new RSC Fellows into the Academies of the Society. During this event, new Fellows sign their names into RSC's original and historic Charter Book and are presented with a Diploma and RSC lapel pin.</p>
<p>6:30PM - 10:00PM Induction Cocktail Reception 📍 Federation Hall</p>	<p>This is the opportunity to celebrate the Class of 2023 and to raise a glass in honour the new RSC Members.</p>
<p>9:00PM - 11:00PM Pub Night 📍 On your Own, Meet in Lobby</p>	<p>Pub Night provides the community with an atmosphere to continue conversations and to enjoy live music. Tom Barber will guide your way to the Heuther Hotel.</p>

DAY FOUR | SATURDAY, NOVEMBER 18

PROGRAMME

<p>8:30AM - 9:30AM Annual Meeting of the Members 📍 Federation Hall</p>	<p>At the Annual General Meeting (AGM), the membership formally reviews the RSC's finances, considers proposed changes to bylaws, and elects the RSC Board of Directors.</p>
<p>10:00AM - 11:30AM AM Session 1 - Romanowski Lecture, Delivered by Professor Rashid Sumaila, FRSC 📍 Federation Hall</p>	<p>This annual lecture features a discussion of some of the greatest challenges facing the environment, and research that is contributing to addressing these challenges.</p> <p>Professor Rashid Sumaila FRSC, the 2022 recipient of the RSC's Miroslaw Romanowski Medal for scientific work relating to environmental problems will deliver this year's lecture titled, <i>Sustainable ocean ethos: Not everything not everywhere not all at once</i>.</p> <p>Rashid Sumaila is one of the world's most innovative researchers on the future of the oceans, integrating the social, economic and fisheries sciences to build novel pathways towards sustainable fisheries. His work has challenged today's approaches to marine governance, generating exciting new ways of thinking about our relationship to the marine biosphere, such as protecting the high seas as a "fish bank" for the world and using "intergeneration discount rates" for natural resource projects.</p>
<p>10:00AM - 11:30AM Languages of research, liminal spaces and dialogues between scientific and scholarly cultures in Canada 📍 Delta Waterloo Silver Lake A / B</p>	<p>In this session, the panelists will address the question of the importance of language and culture as liminal spaces and research tools. They will also discuss the challenges associated with research in a minority context and possible solutions to address them.</p>
<p>12:00PM - 2:00PM Lunch & Learn - Session 1 - RSC Member Presentations 📍 Federation Hall</p>	<p>Member presentations are ten minutes in length and provide the opportunity for New Members to share their work.</p>



<p>12:00PM - 2:00PM Lunch & Learn - Session 2 - The Future of Independent Expertise in Canada 📍 Delta Waterloo Silver Lake A / B</p>	<p>In March 2020, the RSC President and the Board of Directors created the RSC Task Force on COVID-19. It had one goal: to help Canada become a better society coming out of the COVID-19 pandemic than it was going into it. In April 2020, a strategic partnership was established with The Globe and Mail – the only partnership between a national academy and a national newspaper in the world – in order to extend the reach of independent expertise.</p> <p>Three years, 200 publications and 700 volunteers later, this event will review the activities and partnerships of the Task Force, the resulting impact, and opportunities for next steps in ensuring that Canadians have access to independent expertise.</p>
<p>2:30PM - 4:30PM RSC-CAHS Expert Panel on reviewing and renewing Canada’s role in global health 📍 Delta Waterloo Silver Lake A / B</p>	<p>This session will provide an overview of the current work of the joint Royal Society of Canada-Canadian Academy of Health Sciences <i>Expert Panel on Canada’s Role in Global Health</i>. Initial thematic findings and insights will be presented. This will be followed by a Q&A and small group discussions to gather insights and generate potential recommendations from participants.</p>
<p>2:30 PM - 4:30 PM The Bouchard Report 📍 Delta Hotel Waterloo - Silver Lake B</p>	<p>In 2022, the Canadian Government mandated the Advisory Panel on the Federal Research Support System to provide recommendations as to how to improve Canada’s performance in research and innovation. This discussion panel will discuss some of the conclusions and recommendations of the 2023 report with the chair of the Advisory panel, Frédéric Bouchard FRSC. Among the key questions are (a) How can Canada ensure that it has the talent and ideas it needs support its wellbeing and prosperity, and (b) What are the conditions necessary to support world-class research?</p>
<p>6:30PM - 9:30PM Gala Dinner 📍 Concordia Club</p>	<p>The Gala dinner closes the Celebration of Excellence & Engagement of 2023. Enjoy dinner and networking with colleagues. The RSC After-Party offers music and space to continue celebrations.</p>

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