

OVERVIEW



WHAT IS THE MIAE?

McGill Institute for Aerospace Engineering is a resource for both undergraduate and graduate students with an interest in the aerospace industry. The MIAE is also the link between the aerospace industry, McGill students, and aerospace researchers at McGill. It provides opportunities for those who want to expand their knowledge and network within this field.

At the MIAE Student Executive Committee (SEC), we aim to promote interest in aerospace through our events, workshops and other initiatives such as our industry tours. The different activities organized throughout the year also create an awareness of the multi-disciplinary environment that the students may work in as future engineers in the aerospace industry.

The MIAE's Board of Directors, chaired by the Dean of the Faculty of Engineering, consists of representatives of the aerospace industry, McGill professors working in the field of aerospace engineering and the presidents of the MIAE Student Executive Committee. Along with the Board of Directors, the MIAE Student Executive Committee ensures the growth of the aerospace community at McGill by helping students develop their interest in the field.



OUR MANDATE

The MIAE SEC aims to provide students with enriching and valuable experience related to the aerospace industry. We strive to:

- ▶ Focus and grow aerospace activity at McGill University
- ▶ Enrich the aerospace experience for McGill students
- ▶ Give opportunities to students seeking a career in aerospace by expanding their network
- ▶ Bring issues of the industry to the attention of McGill Professors
- ▶ Expose the aerospace industry to the full possibilities of the research expertise at McGill



OUR EVENTS

Speaker Series

- ▶ We invite industry professionals, professors, and student alumni to talk about their experience, their current work, and any other topics of interest. Through these series, we aim to give the students an opportunity to learn about the different career paths and research areas in the aerospace industry.

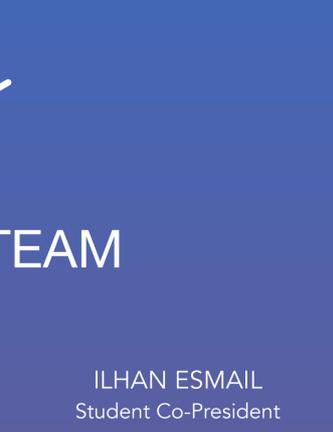


Industry Tours

- ▶ We organize visits to different aerospace companies during the academic year, whether in-person or virtual. These industry tours allow students to network with professionals at those companies and to truly understand what it means to work in this growing industry. This also gives them exposure to different work environments.

Networking Events

- ▶ We hold various networking events throughout the academic year. These may involve professionals from different companies to give an overview of their workplace and their career, and students are then free to chat with the guests and to grow their network and knowledge base. The aim of this event is to provide the student with the opportunity to create meaningful connections with individuals who may guide them through their career.



Industry Dinner

- ▶ The Industry Dinner is notably one of the MIAE SECs cornerstone events. Professionals from all areas of the industry are invited to a dinner, providing students with an opportunity to develop their network and obtain advice to work in the aerospace industry. The 1:1 ratio of students to professionals allows for both parties to develop professional connections that could become useful during recruitment in the future.

Workshops

- ▶ The workshops we organize throughout the year provide students with important skillsets to help them in their future endeavours. The MIAE SEC invites experienced instructors to give these sessions on different softwares and programming languages pertinent to the aerospace industry. A technical workshop where students can learn to disassemble and reassemble an engine is also offered during the year.

Paris Air Show

- ▶ This bi-annual event held in Paris is a unique event that specifically caters to aircraft and space exhibitors, including major aerospace companies like Safran and Airbus. There are also static displays of airplanes, fighter jets, attack helicopters, and even a space shuttle. It's a great opportunity for students to meet people from all areas of the aerospace industry, including CEOs, air force pilots, and astronauts. The MIAE selects students that have helped make an impact on McGill's aerospace community and provides them with the opportunity to attend to this event by sponsoring their trip.

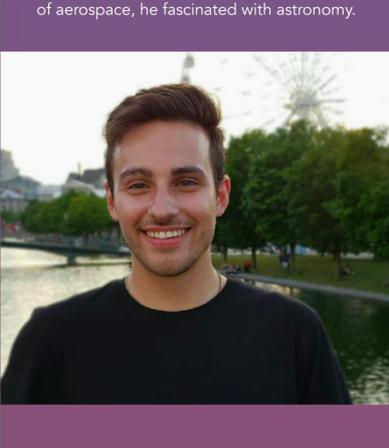


OUR TEAM



ILHAN ESMAIL
Student Co-President

Ilhan is the current Co-President of the MIAE Student Executive Committee for the year 2020-2021. He is a fourth year Materials Engineering student with a strong interest in advanced materials. Currently, he is assisting in additive manufacturing research for steel alloys in aerospace components and spends his spare time working in the propulsion division of the McGill Rocket Team.



SIDDHARTH RAGHAVAN
Student Co-President

Siddharth is the acting Co-President of the MIAE Student Executive Committee. He is a U4 Mechanical Engineering student, with an interest in the field of composites.

Aside from the MIAE, he is a member of the MRT (McGill Rocket Team), the VFS (Vertical Flight Society), and the McGill Students' Chess Club. Prior to exploring his interest in the field of aerospace, he fascinated with astronomy.



BENJAMIN FRANCOLINI
Student VP Communications

Benjamin is the current VP Communications for the MIAE Student Executive Committee. As a Mechanical Engineering Graduate student, and having grown up in Montreal, he has always had a passion for aerospace. Through his position within this organization, he hopes to increase the presence of the MIAE and better communicate the many events hosted throughout the year.



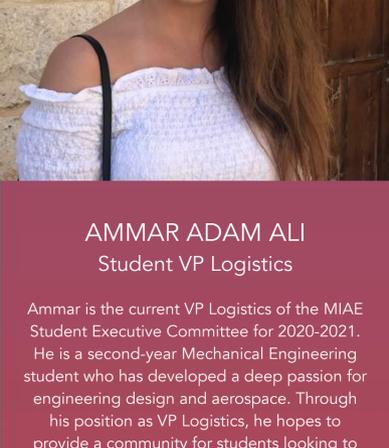
WILLIAM OESTREICH
Student VP Media

William is the acting VP Media of the MIAE Student Executive Committee for 2020-2021. He is a U4 Mechanical Engineering student, with a passion for aviation and travel. In his spare time he runs an Aviation themed YouTube channel, and he is also pursuing his Private Pilot License.



LYNN FADEL
Student VP Operations

Lynn is the acting VP Operations of the MIAE Student Executive Committee. She is a U4 Mechanical Engineering student, who's passion for the aerospace industry stems from constant air travel throughout her life. Through her position as VP Operations, she hopes to work with the rest of the team to create and host engaging events that appeal to a variety of McGill students.



AMMAR ADAM ALI
Student VP Logistics

Ammar is the current VP Logistics of the MIAE Student Executive Committee for 2020-2021. He is a second-year Mechanical Engineering student who has developed a deep passion for engineering design and aerospace. Through his position as VP Logistics, he hopes to provide a community for students looking to explore their engineering passions and connect with the aerospace industry.



PRUNE HUGUET
Student VP External

Prune Huguet is the VP External of the MIAE Student Executive Committee for the 2020-2021 academic year. She is a U1 Mechanical Engineering student, fascinated by everything that is space related. Within the MIAE, she hopes to grow the network of the association on an international scale, and work on expanding the association's outreach.



HOW TO FIND US



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