PARTNERSHIP PROGRAM 2025-2026

AUTONOMOUS ROBOTIC SOCCER CLUB

NAOVA

École de Technologie Supérieure

1100 Notre-Dame Ouest

NAOVA

ÉTS
Le génie pour l'industrie

ABOUT US

Naova is an international autonomous robotic soccer team, proudly representing Canadian skills in engineering at the annual RoboCup competition. Such a large project is remarkable and can only be made possible with our dedication and the support of our partners. Imagine how much more we can achieve by having you as a partner! Algorithms, artificial intelligence optimized for small computers, on top of individual and team strategies, are our daily challenges to ensure we score as many goals as possible while avoiding penalties.

OBJECTIVES

- Develop a functional project with the next generation of robots
- Reimplement the techniques we previously developed in our new code base
- Take advantage of the new possibilities offered by our upcoming robots
- Improve the individual behavior of our robots
- Explore the use of AI in the behavior of our robots

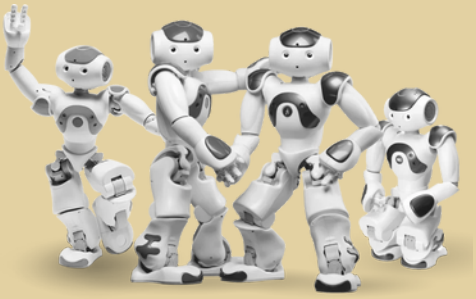
THE COMPETITION : ROBOCUP

Robotics and process automation have become major factors in all business sectors. One of the main issues affecting modern businesses is the shortage of qualified specialists in data processing, programming, IT, and software engineering.

The Naova scientific club from ÉTS participates annually in a robotics competition known as the RoboCup, an international scientific initiative whose goal is to progress in artificial intelligence (not only for the industrial sector but all technology sectors).

The RoboCup is one of the largest international competitions of its kind, bringing together future specialists who are passionate about computer science and automation, and who voluntarily invest their time and effort to perfect themselves in their respective fields. Naova and its members are proud to have represented Canada in the Soccer: Standard Platform League division, with Naova being the only Canadian representatives in recent years. In the future, we plan to join the new humanoid soccer league, which allows teams to use standard robots or robots they have built themselves. This will enable us to continue our journey and actively contribute to the evolution of RoboCup and science.

OUR PROJECTS



VISION

Perception of the environnement

We use machine learning algorithms to detect the ball, other robots, and various field elements.

WALKING CONTROLLER

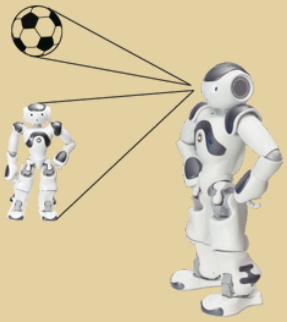
Conception of a walking controller

With the help of researchers at ÉTS, we are developing a walking controller for the robots. The controller helps to stabilize the robots during rapid movements.

BEHAVIOR

Define the strategies

We are working on team strategies such as passing skills, role management, and even more.



COMMUNICATION

Establish communication

We are developing inter-robot and robot-computer communication via WIFI connection and eventually sound.

COMPETITION

Robocup!

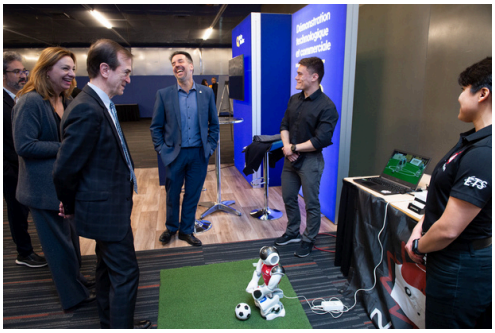
Every year we participate in the RoboCup, the largest international robotics competition!

2025-2026 NAOVA TEAM

The Naova university scientific club seeks to help its members surpass their abilities. Through their involvement in daily club activities, the members acquire valuable knowledge to become better robotics specialists, a critical sector in multiple industries of our economy. The international competition aims to promote educational and technological advancement among its participants.

Every year, Naova aims to recruit new passionate members motivated by robotics and science. This allows us to prepare the next generation for years to come and ensure success and transfer of knowledge within the club. We promote team cohesion and harmony between members of the club through team bonding activities and planned days where members meet each other and work together (called Devday).

During 2025, we had the opportunity to participate in two competitions. In fact, 8 members headed to Germany to attend the German Open and 7 went to Brazil for the RoboCup 2025.



OUR EVENTS

Naova wishes to get involved in the community by participating in events to raise awareness and encourage future generations to continue their studies in science and engineering. Our annual competition focuses on the future of robotics, while we look out for the accessibility and potential of every coming generation. This is why Naova is involved in different kinds of events to foster curiosity in younger students, to impact the future of robotics, and to give new students at ÉTS the opportunity to participate in a complex robotics project. All these events allow us to reach over 13,000 people.

Here are some of the events in which we participated in 2025-2026:

- FIRST Robotics Quebec
- Science club day
- Pizza lunch with departments
- Club Odyssey
- ÉTS open house
- ADRIQ Gala
- RoboCup Junior Canada
- Workshop at the ÉTS Future Geniuses Day Camp
- Presentations to high school students on engineering
- Gala of Partner Celebration and Student Involvement

PARTNERSHIP

Since we work in a sector in full development and a league requiring specific robots, we need periodic financial support to keep our project going. Most of our sponsorships help us pay for our robots, which are the centerpiece of our club. In the past, we used NAO robots, but as robotics leagues have evolved, we are now moving toward a new generation of robots. This more advanced platform will open up new opportunities and enable us to further develop our skills and technology. The rest of our sponsorships help us with the cost associated with displacements to our international competitions, which are quite costly.

We acquired partners from the business community to keep up with the technological advancements. By participating, you support future engineers in their academic and professional development. Your contribution will grant you advantageous visibility within the student population of ÉTS and the robotics community. Our club offers the opportunity to support a dynamic team that will perform thanks to your encouragement in a key industrial field. Our proposed partnership has many corporate benefits. By sponsoring our club, you benefit from a unique visibility program (see the Appendix at the end of this document). In the case of a charitable donation, you are eligible for a tax deduction credit in addition to our thanks.

Additionally, investing $3,000 or more in the next generation of engineers involved in technology may double your corporate reach. You will be presented with an "Award of Excellence" at the annual scholarship award ceremony of the ÉTS Development Fund. You will thus obtain additional visibility offered by our scientific club and the “Service aux diplômés et à la philanthropie”, our university foundation. To view details on the FDÉTS visibility, see the appendix at the end of this document. Your company will benefit from an outstanding brand image among the university community, students, graduates, ÉTS industrial partners, and the general public, in addition to a simplified recruiting opportunity for trainees and engineers.

For additional details, please contact the “Service aux diplômés et à la philantropie” by email at clubspartenariats@etsmtl.ca or by phone at (514) 396-8990.

VISIBILITY SCALE

	Bronze ≥ 500$	Silver ≥ 1500$	Gold ≥ 3000$	Platinum ≥ 5000$	Diamond ≥ 7500$
Letter of thanks					
Your logo on our partnership banner displayed at our events and competitions					
Your logo, with hyperlink, on the partnership section of our website					
Thanks and a mention in the articles published on our website and our social media profiles					
Your logo on our promotional clothing worn during our competitions					
Your logo on our robots					
Prix d'excellence and visibility from the SDP (> 3000$)					
Your logo on the main page of our website					
Your logo on the shirts of our robots					
Primary sponsor (Benefits to be discussed with the team)					

LINKS AND INFORMATION

To sponsor Naova : Sponsor form

To donate* : Donation form

Service aux diplômés et à la philanthropie, clubspartenariats@etsmtl.ca

Phone: (514) 396-8990

Naova : naova@ens.etsmtl.ca

*: DONATING MONEY OR EQUIPMENT MAY QUALIFY FOR AN OFFICIAL CHARITABLE DONATION RECEIPT. HOWEVER, IT MUST HAVE BEEN DONE VOLUNTARILY, BE THE SUBJECT OF NO CONTRACTUAL AGREEMENT AND GIVE NO ACCESS TO ANY BENEFIT, NEITHER FOR THE DONOR NOR FOR A THIRD PARTY. AN OFFICIAL DONATION RECEIPT COULD PROVIDE ACCESS TO NON-REFUNDABLE TAX CREDITS ACCORDING TO THE LAWS IN EFFECT AT THE TIME OF THE TRANSACTION. THIS MENTION IS FOR GUIDANCE ONLY AND CAN NOT BE CONSIDERED AS A GUARANTEE OF TAX DEDUCTIONS WHEN FILING YOUR RETURNS. FOR MORE INFORMATION, VISIT THE CANADA REVENUE AGENCY WEBSITE AT HTTP://WWW.CRA-ARC.GC.CA