



S. A. Astatine

Advanced Technology
Nanotechnology
Robotics

 +31 6 36 45 22 53

 +31 53 489 4450

 extern@astatine.utwente.nl

 www.astatine.nl

S.A. Astatine

S.A. Astatine is the study association for the bachelor Advanced Technology and the Masters Nanotechnology and Robotics students at the University of Twente. We are an international, non-profit association that support the students (and staff) of Advanced Technology, Nanotechnology and Robotics in providing a community, creating opportunities for personal development, and evaluating the curriculum. This is done by the means of a combination of both educational and extracurricular activities.

<https://astatine.utwente.nl/>



University of Twente



Our view of the world, in which you work or will work has led us to an unique vision on education - and on the kind of scientists, engineers, and professionals our future will need. We are facing challenges that are more complex than any mankind has faced before. Solving those problems calls for **creative, cross-disciplinary thinking** - which is why you will learn to combine technology and engineering with behavioural and social sciences. No matter in which research field and which programme, training or course you follow, we strongly encourage you to cross boundaries, connect disciplines.

<https://www.utwente.nl/en/education/>



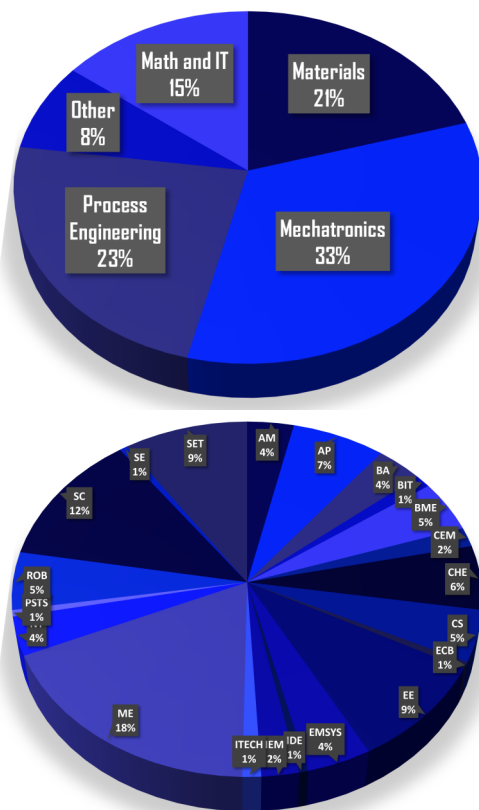
Commissioner of external affairs

Hi, I am Lieke Hendriks, the current Commissioner of External Affairs of the 20th board of S.A. Astatine. My main responsibility is maintaining and initiating relationships with the partners of S.A. Astatine, in order to provide its members (Advanced Technology, Nanotechnology, and Robotics students) with job opportunities. Additionally, I am responsible for securing sponsorships and funding from external parties outside the University of Twente.



Advanced Technology

Bachelor Students to Master studies



Advanced Technology is a broad, international, technical bachelor programme. Its multidisciplinary approach combines different engineering and natural science disciplines, giving students the scope to come up with innovative and unexpected solutions to new problems without being confined to a single area of science. Students learn how to combine knowledge from electrical engineering, chemical engineering, applied physics, mathematics, and mechanical engineering in a context that is both commercial and society-conscious.

The bachelor lasts three years and each year is divided into four modules. Each module centers on a theme and features a number of theoretical courses and a practical. Students will then apply the knowledge acquired in a collaborative project.

During the first two years of the program, a basis of different technical fields is made. In the third year, the students have to choose a specific direction in which they want to do their master studies. As Advanced Technology does not have one specific specialisation, everyone continues to a different field during their master.

More information on Advanced Technology can be found by clicking [this link](#).



Nanotechnology

Nanotechnology is a two year internationally oriented masters programme. The programme focuses on the design, creation and study of functional materials, structures, devices and systems by directly controlling matter on the nanometre scale.

Nanotechnology is an emerging field that brings together elements from traditional disciplines, such as applied physics, chemistry, electrical engineering and biology. At the nanoscale, which covers structures that range from 1 to 100 nanometers, the physical and chemical properties of materials undergo quantitative and qualitative changes. The multidisciplinary research field of nanotechnology focuses on these changes with a view to designing and developing functional materials, structures, devices and systems.

More information on Nanotechnology can be found by clicking [this](#) link.



Robotics



Robotics is an exciting and rapidly growing field that combines several technical disciplines to design and develop intelligent systems capable of performing tasks autonomously. This two year internationally oriented Master's programme focuses on the integration of mechanics, electronics, computer science, and artificial intelligence to build robots that can operate in real-world environments.

Throughout the programme, students learn how to design robots that can interact with their surroundings, perform precise and complex tasks, and adapt to dynamic environments. This could range from industrial robots assembling products on a production line to healthcare robots providing assistance to patients. With a strong focus on both theoretical foundations and hands-on projects, students explore areas such as mechatronics, control systems, sensor technology, AI, and software development.

More information on Robotics can be found by clicking [this](#) link.

Activities

Below are all activities described in which your company can play an active role. These activities are the perfect opportunity to get in touch with the members face-to-face. For example, it is possible to arrange an excursion to your company can be organized or you can come to our university for a workshop, lecture or case. Food can be arranged here.

A) Lunch lecture

During a lunch lecture, you can let someone of your company speak in front of a room full of Advanced Technology, Nanotechnology and Robotics students. With these lunch lectures you can bring the name of your company to their attention and give some information about your company.

D) Informal Lecture drink

To get students more involved with your company, an informal setting is always a good way to speak to students personally. During the informal lecture drink, you can convey information by means of both a short presentation and having personal conversations with the students.

B) Workshop

To teach our members more besides their standard curriculum, Astatine organises several workshops. These workshops can be done in cooperation with companies. These workshops differ greatly in subject; from C++ to laser cutting to photoshop to LinkedIn. Through these workshops you can share the practical knowledge of your company, and simultaneously come in direct contact with the students.

E) Excursion

Students are always very curious what goes on inside companies. To give a clear image and memorable experience excursions are the perfect opportunity to pull students to your company. Excursions are always experienced as very enjoyable and leave a lasting impression.

C) Symposium

Collaboration with the symposium can take the form of a sponsorship or partnership. This could involve providing financial support, guest speakers, or hosting workshops. In return, there are opportunities for exposure to talented students, networking, and showcasing expertise and innovations.

F) Case study

Case studies are small assignments that are done by students together with your company. Case studies are primarily for the master students, but for bachelor students these can also be very educational and interesting.



G) Introduction Week AT

During the introduction week, around 80 new Advanced technology students will get acquainted with the University, the study AT and the association Astatine for an entire week. At this event, it is, for example, possible to print your logo on the intro shirts or give out gadgets.

H) Introduction Week NT

During the introduction week, around 20 new Nanotechnology students will get acquainted with the University, the study NT and the association Astatine for an entire week. At this event, it is, for example, possible to give out gadgets, flyers or folders of your company.

I) Introduction Week Robotics

During the introduction week, around 130 new robotics students will get acquainted with the University, the study and the association Astatine for an entire week. At this event, it is, for example, possible to give out gadgets, flyers or folders of your company.

J) Europa Trip

Around April or May the yearly Europe trip takes place. With this, around 50 of our members will travel through several European countries for a week. During this trip many excursions take place to companies, institutes and universities. You can, for example, print your logo on the participant shirts, place an advert in the travel booklet, or facilitate gadgets in the participants' bag.

K) Batavieren race

In April or May the yearly Batavierenrace, also known as 'de Bata' takes place. This is a student relay from Nijmegen to Enschede where some 13.000 students participate. S.A. Astatine also participates with a team. Sponsor options are to print your logo on the runners' shirts or to have your logo on the team van.



Promotion

Below, all possibilities for promotion where your company can play an active role are described. Through these channels you can place a piece about who you are as a company or an upcoming event.

- Yearbook

This year, Astatine will release a yearbook in which all events of the past year are described. The yearbook is a nice recollection of all the fun moments, and the members can look back easily. Companies have the option of buying a page and placing a piece about their company.

- Website

On the website of S.A. Astatine all kinds of practical information can be found for both students and external persons. You can find information on education, structure of the association, and companies. Companies have the possibility to put a company profile on the website.

- Instagram

Astatine has a personal, public Instagram which many members follow. Via the Instagram, mostly upcoming activities are promoted, but next to that now and then an announcement or advert of a company is posted.

- ATtentie

Three to four times a year, Astatine brings out a magazine, called the ATtentie. In this appear, among others, reports on lectures and excursions, columns and scientific articles written by students themselves. Using the ATtentie, Astatine attempts to bundle interesting and fun information from students, the programme and companies to distribute it effectively to students and other interestees.

- Mail

If you want to reach a specific target audience, it is possible to only send them a mail. This way, you can reach the group directly.

- Weekly Newsletter

Each week a newsletter is sent to all members, in which the upcoming activities and important announcements are shared. In this, you as a company can place a small piece for an upcoming event.

- Logo's and representation

Your company can have a logo on places in and around the members' room, a place where many students gather during lunchtime or as a break from studying. Examples are appliances, screens and outside tables and benches during activities. Anything is up for discussion, look at the pricelist for more details.



