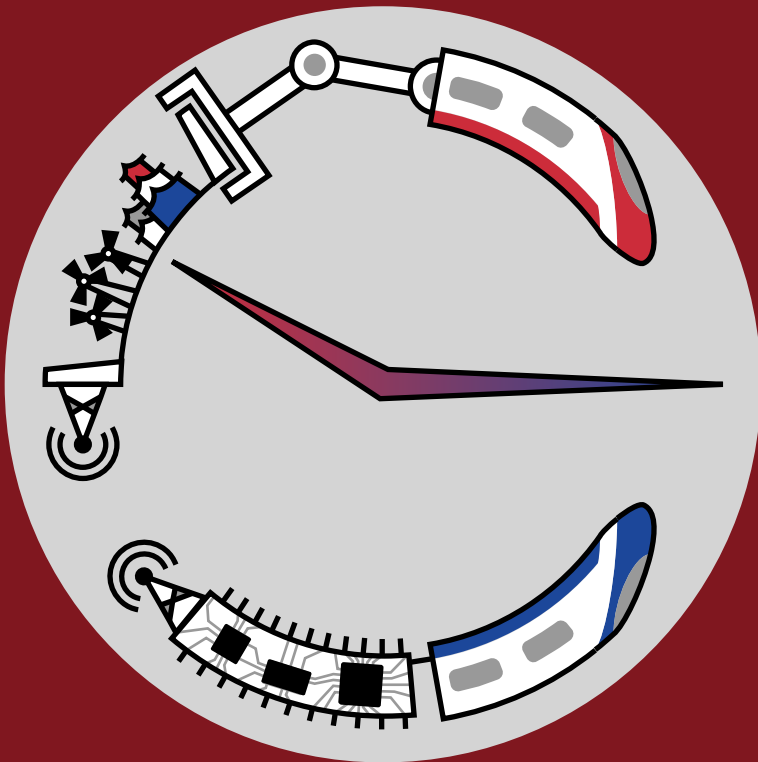


# Company Brochure

기술의 시대

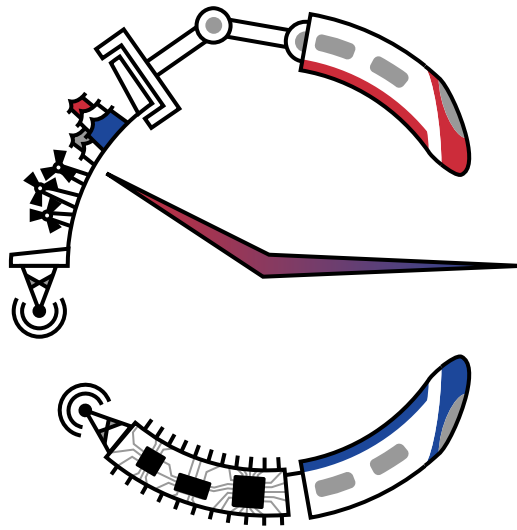


Age of  
Technology



Study Tour South Korea 2023 - E.T.S.V. Scintilla

# Preamble



## Age of Technology

A group of 19 electrical engineering students studying at the University of Twente are organizing a study tour to South Korea. In the winter of 2023 we will travel to South Korea, visiting destinations ranging from bustling capital Seoul, to Ulsan, the home of famous car manufacturers, to the beautiful Jeju Island.

By visiting famous universities and important companies in South Korea, we will get the opportunity of our lifetimes to experience the country up close, while learning all about the companies and culture of the country that rose from the ashes to a well-deserved leadership in this Age of Technology.

# Destinations



**S**eoul has almost 10 million residents is the capital of South Korea and will be the start and end of the study trip. The Seoul Capital Area has many companies to visit, from which 15 Fortune Global 500 companies. Next to that, the city has several universities, museums, monuments and parks to visit.



**S**eoraksan is a national park in the north-east of South Korea and is home to a large variety of flora and fauna. It also has multiple temples, waterfalls, and other cultural sights. During the study tour, we will visit this national park to experience the difference in nature and its relation with the culture in South Korea.

**D**aegu is a city of 2.5 million residents and is the largest inland city of South Korea. It is located in within a mountain range, in the southeast of the country. There are many Buddhist temples in and around the city. Daegu has a focus on the fashion and high-tech industries. In nearby Gumi there are many PCB and electronics factories. The climate in Daegu is also ideal for producing high-quality apples.



# Destinations



**B**usan is a bustling city on the southern coast. It is the second-largest city in South Korea, with the sixth-largest port in the world. The city is a centre for marine science and R&D. It also has the largest beach in South Korea and hosts a large variety of festivals.



**U**lsan is the industrial city of South Korea, it has the largest automobile assembly plant in the world and also the largest shipyard. The city prides itself as a global energy hub and an eco-city, by building parks and investing greatly in renewable energy.

# Destinations



Jeju island is a volcanic island that is a natural World Heritage Site and is mainly focused on tourism. There are still people that practice traditional diving to collect seashells. During the study tour, we will visit and explore cultural importance sites on Jeju island.

Gwangju, a city of 1.4 million people, is located in the south-east of the country. It has a booming industry in various areas, with a great focus on research and photonics. The city is also interesting in terms of cultural and history, as it is the root of South Korean Democracy. It borders on Mudeungsan National Park, with beautiful nature and temples.



Daejeon is part of the administration hub of South Korea and is home to many universities, including the best technical university in South Korea, the Korea Advanced Institute of Science and Technology (Kaist). The city is also home to many research institutes from the government and global companies.

# Board of Recommendations

dr.ir. Jos Benschop

Senior Vice President Technology ASML



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Rector Magnificus  
of the University of Twente

prof.dr.ir. Bram Nauta

Chairman of the  
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# Board of Recommendations



prof.dr.ir. Stefano Stramigioli

Chairman of the  
Robotics and Mechatronics group  
at the University of Twente

prof.dr.ir. Wilfred van der Wiel

Chairman of the  
Nano Electronics group  
at the University of Twente



Roelof Bleker

Mayor of Enschede

# Partnership

## What can we offer?

### Case Studies

Enthusiastic and ambitious students will work for your company in small projects. Examples are solving a problem, studying and reporting new possibilities, or designing and simulating new products. Furthermore an individual experienced student can work on your project for their "bachelor's thesis". Where he will research or develop a solution to a problem given by your company for up to 30-200 hours.

### Sponsor deals

We have a range of possibilities to approach the students of this project through sponsoring. Note that you do not just reach these students, but other students, companies, and university staff as well.

### Excursions

We are eager to visit your company's branch in South Korea. Of course, we are also interested in visiting the Dutch branch of your company as well. A visit to your foreign branch would give us a considerable insight into the multinational company environment.



# Sponsorship

## How can we help each other?

We are looking for sponsoring in both material and financial form. The material sponsorship can range from e-readers to clothes or even accommodation during the trip.

Engaging in a collaboration can benefit your company in the following ways:

- Reaching out to students who are possibly employees for your company
- Advertising your brand in our network of students, university employees and other companies.
- Creating goodwill by showing that your company invests in education and innovation
- Forming possible connections with academic staff at the University of Twente.

We believe that Age of Technology can provide your company with interesting possibilities for sponsoring. You will reach out to other Electrical Engineering students, besides just the participants, to university staff and to companies both in the Netherlands and South Korea.

# Sponsorship

Some possible forms of sponsoring are:

- Advertisements in flyers, reports, or clothes
- Logo or banner ads on our website
- Presentation of your company to students
- Share your company profile through (e-)mail or posters
- Provide workshops related to your company activities

## A visit to your company

To complete our study tour we would like to visit your company branch in South Korea. These visits will benefit both parties as it will be a valuable and educational experience for the students, and you will develop the interests of our participants for your company.

At these excursions you can show us new innovations or interesting projects, or your working principles and company visions.

These excursions can be locally in the Netherlands, but preferably in South Korea. This encourages the participants to explore foreign working environments.

# Case Studies

## What is a case study?

Participants of Age of Technology are all Electrical Engineering students that are in the later part of their curriculum. All participants are at least third year students and more than two-thirds are in a master stage. These students are willing to use their knowledge and insight to finance the study trip to South Korea.

A case study will be performed by a small group of these students. You can assign a project, such as research, development or improvement of existing products, to these students in time blocks ranging from 30 to 200 hours.

Age of Technology has students of Electrical Engineering ready to work for your company, without the need to contract them individually.

All participants are capable of at least:

- Programming (C, C++, Java, Matlab, etc.)
- Multidomain simulations
- Electrical and mechanical circuit design and implementation
- Academic problem analyzing and solving
- Hardware solutions & manufacturing
- Translation of technical documents
- Literature studies

All students have their own area of expertise as a result of the choices they make in their bachelor and master courses. Besides this, students have a broad range of interests outside their curriculum that can aid in the research at your company. Combining their incredible resourcefulness, they can form a perfect team for solving all kinds of problems. We can find the right students for almost any situation.

# Case Studies

## Advantages

The case studies can help us keep costs at bay for the participants. For these students, the study tour is a unique way to experience working at a company, as well as a good way to come in contact with potential future employers.

The benefits for your company are at least as extensive:

- Cost-efficient way for solving problems and designing, simulating, and implementing your ideas
- A fresh look on problems by students often leads to surprising out of the box solutions
- You reach students who will actively participate in studies related to your company

## Bachelor's Thesis

Besides case studies, there are a number of students that could use this chance to do their "bachelor's thesis" for your company. As an individual, the student can invest 400 hours in researching and developing at your company. The quality of these assignments are assessed by the academic staff and will be a valuable addition to your company's project, as well as the experience of the student.

# Costs

## Advertisement preliminary or final report:

- Half page - color €300
- One page - color €500
- Two pages - color €800
- Advertorial - per page €300

## Advertisements on the website:

- Logo €250
- Large banner advertisement €600

## Case studies:

- Case study
- Bachelor's thesis

Customized Sponsoring? Ask for the possibilities!

# Contact

For question regarding case studies or sponsoring:

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Alexander Keizer

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## General contact information

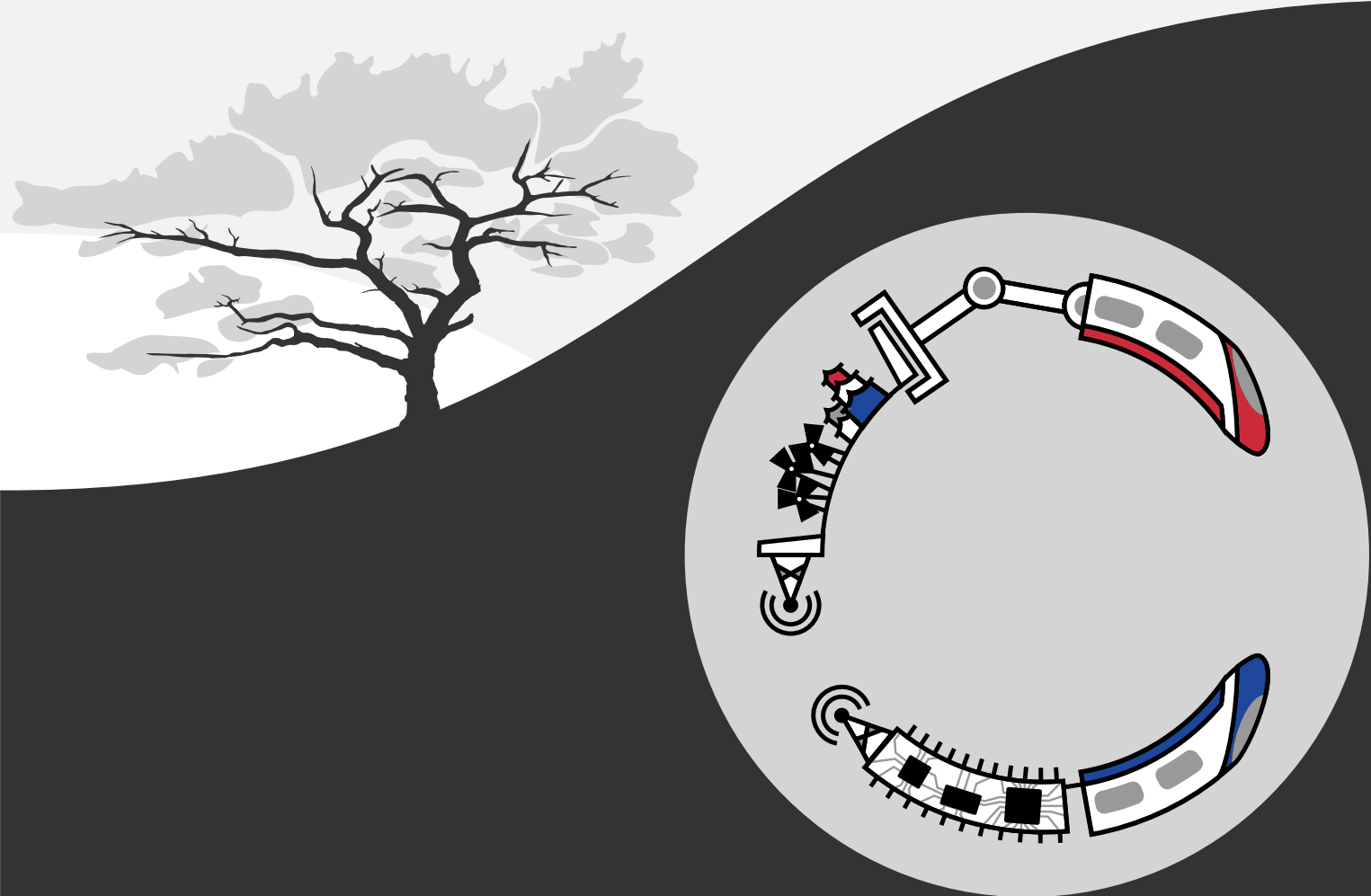
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