Fraunhofer

IAO

FRAUNHOFER-INSTITUT FÜR
ARBEITSWIRTSCHAFT UND ORGANISATION IAO

SMART SOCIETY
SUMMER SCHOOL

4S

Eindhoven, The Netherlands
19th until 25th of August 2018

Gemeente Helmond

BRAINPORT
EINDHOVEN

TU/e
Technische Universiteit
Eindhoven
University of Technology

EINDHOVEN

SMART SOCIETY
SUMMER SCHOOL

THE IDEA
From real problem to solution

After a huge sucess in 2017, Fraunhofer IAO and the Eindhoven University of Technology together with the cities of Eindhoven and Helmond are offering the 2nd edition of the Smart Society Summer School [4S] between August 19th until 25th 2018. Powered by the knowledge gained in the Morgenstadt Initiative, late undergraduate, master students and young professionals from all countries and backgrounds have the possibility to jointly work on the realization of the Urban Agenda in the European Lighthouse City Eindhoven in the Netherlands.

INTENDED AUDIENCE
We are inviting the smart city experts of tomorrow

Master students of all fields relevant to smart city development (e.g. engineering, computer sciences, design, social sciences, sustainability management, architecture and planning) may join
Open to all disciplines – application necessary
Language: English

THE FOCUS AREA OF INNOVATION
Topic: the Urban Agenda

The topics this year contain 3 main areas of the Urban Agenda for sustainable urban development, the participants decide jointly on their focus:

- health, healthy living environments, lifestyles and work, including aspects like culture and sport that enhance well-being of people in the city

- sustainable and smart urban and regional mobility solutions

- from a fossil fuel-based economy towards a sustainable fuel-based economy, including decentralised sustainable energy production and decreasing energy use

HIGHLIGHTS
Solving a real problem

1. work on real smart city solutions in the field of sustainable urban development and **solve an actual client-based problem** regarding the Urban Agenda in Eindhoven. The issues the clients are dealing with can range from technological problems to more feasibility or end user related ones. You and your team members will select and develop a concept.

2. **expert lectures and hands-on learning sessions** will give you a better understanding of user-oriented smart city concepts related to the topic of the Urban Agenda and will provide you with the necessary knowledge to define the root causes behind the addressed problems.

3. critical reflection on smart city concepts and taking on various perspectives will lead you and your team to answer the **meta question** which will focus on the added value for all of the teams' clients and the connections and integrity of smart city solutions.
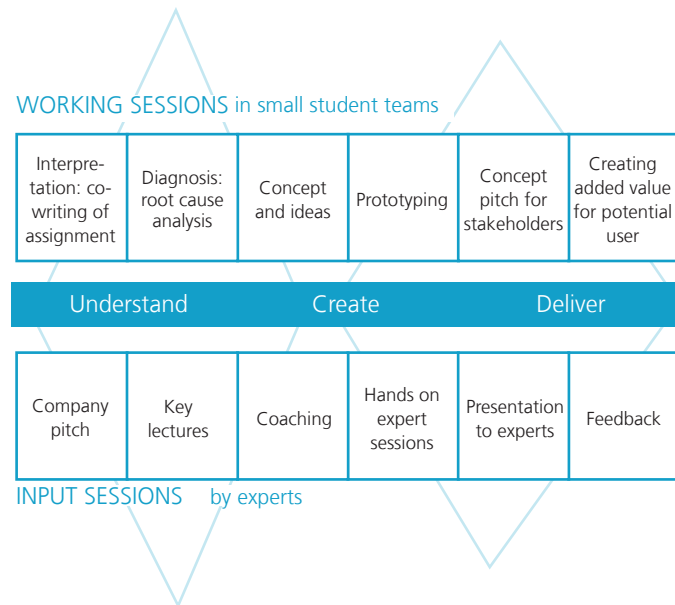
THE EINDHOVEN BRAINPORT REGION
Smartest region of the world

The Eindhoven Brainport Region includes the municipalities of Eindhoven and Helmond. It has already been named the smartest region of the world 2012 and is home to numerous initiatives, such as a test track of autonomous vehicles and the EU Lighthouse district Strijp-S, within a unique ecosystem of scientific institutes, industry, municipality and engaged citizens. The region continously thrives to improving itself and therefore looks forward to welcoming you in Eindhoven.

STRUCTURE
Understand, Create, Deliver

We offer you six days packed with intense working sessions and expert input. Creative techniques will help you to come up with smart solutions for the city of tomorrow. A collaborative learning experience in small multidisciplinary and international student teams and the expert input will offer multiple perspectives. Finally, you will create and pitch a new and self-developed idea for smarter cities and come up with a concept for testing your ideas in existing urban areas.

WORKING SESSIONS in small student teams

Interpretation: co-writing of assignment	Diagnosis: root cause analysis	Concept and ideas	Prototyping	Concept pitch for stakeholders	Creating added value for potential user
Understand		Create		Deliver	
Company pitch	Key lectures	Coaching	Hands on expert sessions	Presentation to experts	Feedback

INPUT SESSIONS by experts

FACTS
What you need to know

■ **WHEN AND WHERE**
Arrival: Sunday, 19th of August 2018
Departure: Saturday 25th or Sunday 26th of August 2018
Location: Eindhoven, the Netherlands

■ **REQUIREMENTS AND APPLICATION**
Currently enrolled in a Masters degree, late undergraduate (year 3), or being a young professional in the area

Applicants must provide
- a brief letter of motivation (max. 2000 characters)
- certificate of enrolment at your current university
- proof of English proficiency (level B2 or higher)
- a CV including additional certificates

Applications are accepted until the 30th of June 2018 via the Smart Society Academy homepage
Rolling admission, the earlier you apply, the higher your chance
Course fees need to be paid before July 31st 2018
Participants are required to have a valid visa and health insurance covering their entire stay

■ **FEES AND ACCOMODATION**
Summer school with accommodation: 650 euro*
Summer school without accommodation 450 euro
All fees include lectures, excursions, public transport and meals
Accommodation is a single bed room in the Student Hotel Eindhoven

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http://www.smart-society-academy.eu/academies/smart-society-summer-school/4s-brainport

The Smart Society Summer School is a joint initiative form the Fraunhofer Institute for Industrial Engineering IAO and the Smart Cities program of the Eindhoven University of Technology.