GRADUATE SCHOOL

This is what the innovation Space has in store for you.

TECHNOLOGY ENTREPRENEURSHIP
Throughout this course, you will learn to apply flexible and adaptive approaches towards decision making in new business development along with more familiar planning and prediction-based approaches. Using adaptive and flexible approaches (like effectuation), entrepreneurs take small organic steps during their decision making process and apply validated learning approaches as a way to deal with uncertainty. Accordingly, the intellectual content of the course is centered on the notion of “Validated Learning”, defined as an iterative learning process of trying out an initial idea, measuring it to validate the effect and incorporating the lessons learned into the succeeding test (Sies, 2012).

1ZM20 - Timeslot A - Department IE & IS

INTERNET OF THINGS
The lectures give an overview and technical details of IoT addressing the following topics:
1) Overview;
2) Architecture (styles and patterns);
3) Applications examples;
4) Protocols;
5) (development) Frameworks;
6) Data (management, role, usage);
7) Management

2IMN15 - Timeslot E - Department W&I

SEMINAR: SYSTEM ARCHITECTURE AND NETWORKING
The goal of the seminar is to give you an impression of the work conducted at the SAN group. This year the seminar is on blockchains and smart contracts. It consists of two parts: a research part and a practical part. For the research part you will pick a research question and study existing literature to answer it. For the practical part you will design and implement an Ethereum smart contract that will run on a public blockchain.

Pre-knowledge: Proficient in programming

2IMN00 - Timeslot D - Department W&I

ADVANCED DESIGN & CONSTRUCT OF AN INNOVATIVE STRUCTURAL OBJECT
Extrusion, casting and structural engineering of ice composites for artic, moon and mars missions, moulding techniques and festivals. First goal is to realize a structure for the 2022 winter Olympics.

7KK3M0 - Timeslot E - Department BE

A gentle reminder that the subscription for courses in Q4 at the TU/e opens on the 15th of November 2019 and closes on 22nd of March 2020.