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

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.

**PROJECT: SECRET LIFE OF LIGHT**
**LINE: THE SECRET LIFE OF LIGHT**
In this module, project teams work on a challenging project formulated by the ILI and external clients. Projects may have a research or design orientation but are grounded in a basic understanding of user contextual and technical requirements of innovative light applications, and involve empirical data gathering and analysis i.e. user-research. Examples: Shop of the future, Tools for teaching, Shining light on task difficulty, Stress reducing light, Smart urban lighting.

0HAUA0 - Timeslot A - Department IE & IS

**PROJECT: ENTREPRENEURSHIP IN ACTION**
**LINE: TECHNOLOGY ENTREPRENEURSHIP**
In this last project course of the USE sequence “Technology Entrepreneurship” students apply the theoretical knowledge gained from the previous two USE courses. The ultimate goal of this project course is the development of a valuable proposition for a technological innovation. Each student team will come up with a unique solution and concept based on given technologies.

1ZAU080 - Timeslot A - Department IE & IS

**USER TESTING, EVALUATION AND IMPROVEMENT**
**LINE: ENGINEERING DESIGN**
This is the third course of the USE-line Engineering Design. User testing and improvement is the last step in the learning line where a technical prototype is matured into a sellable product. NOTE: the courses in this USE-line can be followed independently

4WAU00 - Timeslot A - Department ME

**SOLAR HEAT SYSTEM**
Climate change and global warming are main challenges in modern society. In 2015, 195 countries join the Paris climate agreement, which sets out a global action plan to limit the global warming. To reduce the CO2 emissions, sustainable energy systems play an essential role. Here, we focus on solar water heating systems for domestic use. The aim of this student project is to design, build and test a solar heat system. With this system an amount of water should be heated up as much as possible. This is checked by tapping 1 liter of water from the storage tank at the end of a test cycle, and measuring its temperature increase.

4GA50 - Timeslot D,E - Department ME

**PROJECT: DESIGN FOR A SUSTAINABLE FUTURE**
**LINE: DESIGN SUSTAINABLE FUTURE**
Example project: A number of student-groups will assess 10 buildings in different cities of the Netherlands. The relationship between the buildings technical properties and their remaining life expectancy will be investigated in terms of ‘Flexibility for conversion’

7XAUA0 - Timeslot A - Department BE

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1ZAU080 - Timeslot A - Department IE & IS

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