

NORDTEK Entrepreneurship Summer School

June 6th to June 10th



NORDTEK Entrepreneurship Summer School

“Synergizing Entrepreneurship and Production in High Wage Economies”

“Acquiring the skills of successful innovators and entrepreneurs; Identifying new business opportunities, markets and applications; Articulating competitive value propositions and viable business models; Starting a new technology-based company; Dealing with IPR challenges; Competing by keeping the production capabilities in your country!”

Engineering is playing an important role in building and developing the modern Nordic society. The creation and implementation of new knowledge, the commercialization of breakthrough innovative products and services as well as the development of advanced production capabilities in our society are often being lead and enabled by the engineering profession. That is why innovative and entrepreneurial engineering resources and capabilities will continue to be sought by academia, industry and society.

In recognition of this and looking ahead at opportunities and challenges facing Nordic competitiveness, this NORDTEK summer school will enable its PhD student audience to critically reflect on existing research, dialogize with industry experts and start acquiring the entrepreneurial skills and mindset within the context of one of the challenges of our economies - keeping the key production capabilities in the Nordic society.

Without technology, engineering, management and technology entrepreneurship modern innovation is unthinkable, but how do we secure that innovations are brought from the labs to their ultimate adoption by industry and society, and how do we secure a culture of entrepreneurial thinking in the NORDTEK universities in a way that it enables wealth creation and prosperity for our nations?

This NORDTEK entrepreneurship summer school invites PhD students from all NORDTEK member universities, to work in Odense for a week on developing new ideas and suggest new solutions that would strengthen the link between technology entrepreneurship and the challenges of keeping production capabilities in high wage economies. The summer school will take its offset in a exploring a generative entrepreneurial approach to designing and developing new production technologies and manufacturing capabilities by putting together teams of PhD students to work on conceptualizing, validating and developing business opportunities based on research within the key topic of the summer school.

The summer school will be run by an expert team of academics, practitioners and industry experts in the field of technology entrepreneurship and innovation, production technologies and manufacturing. By the end of the week, the teams will present their key insights to the key participants in the NORDTEK 2016 conference - Deans, Rectors and Invited guests.

The NORDTEK Entrepreneurship Summer School is open for all doctoral students at NORDTEK, BALTECH and CESAER member universities. Participants will most likely do research within topics related to production and manufacturing from a science, engineering or business perspective, and will have a desire to explore entrepreneurial opportunities or become more entrepreneurial in their work and career.

Based at SDU Cortex Lab, the summer school will be the perfect opportunity to strengthen your entrepreneurial skills and international network by focusing on issues of high relevance for our society.

INFO

Where:	University of Southern Denmark, Odense
When:	June 6th to June 10th
ECTS Credits:	2 (estimated, see course description)
Cost:	1500 DKK exclusive VAT (25%)

PROGRAMME: See attached file

Synergizing Entrepreneurship and Production in High Wage Economies

PhD Summer School, June 6-10, 2016, Cortex Park, University of Southern Denmark, Odense, DK

Course description

The Summer school was initiated by TEK Innovation – the SDU research, innovation and business hub, in close cooperation with the researchers from the Innovation and Design Engineering (IDE) Section at the Faculty of Engineering at SDU¹. The scientific program is designed and implemented by the IDE Section which spreads across three SDU campuses – Odense, Sønderborg and Kolding. The IDE section is involved in the educational and research activities associated two academic programs - Product Development and Innovation², and Innovation and Business³.

The relationship between entrepreneurship and production in high wage economies is a new and highly relevant research topic. This is why the school targets mainly PhD students. However, one of the objectives of the school is to motivate new research, to identify new research themes and strategic research directions. This is why we will also consider applications for participation from Master students who are highly interested in or work on related topics. Master students should apply for participation by submitting a motivation letter and a letter of recommendation from a Professor. All applicants who have been accepted to participate will be expected to have a specific project in mind or be ready to join a group discussing the project of another participant. All projects should be related in some way to the topic of the summer school.

Accepted participants will receive a list of required readings so that they could prepare for the interactive discussions during the summer school. The final deliverable of the summer school will be a paper summarizing the key insights from the summer school within the context of each participant's research project. The papers should be submitted not more than one week after the completion of the event. All participants who have submitted their final paper will receive a certificate of completion indicating the courses taken and the amount of 2 ECTS points corresponding to the workload.

Learning outcomes

After the completion of the summer school, the participants should be able to:

- Conceptualize innovativeness and entrepreneurial skills as conversational skills focusing on enabling the adoption of new practices by specific communities
- Describe different business models frameworks and select a specific one depending on the nature of a business and its product innovation characteristics
- Articulate value propositions by using a wide lens approach to value creation and value blueprints including the aspects of value related to keeping the production in high wage countries
- Describe key research directions focusing on entrepreneurial opportunities
- Identify new business opportunities and translating them into attractive value propositions and business models
- Describing the typical lifecycle phases and the challenges of creating a new science and technology-based company having its key production facilities in a high wage country
- Dialogize with industry representatives in a way that could generate new research insights focusing on exploring opportunities for being both competitive and keeping the production in a high wage country
- Identify key insights for industry and academic leaders interested in the key topic of the summer school.

¹ http://www.sdu.dk/en/om_sdu/institutter_centre/innovationanddesignengineering

² http://www.sdu.dk/en/uddannelse/kandidat/product_development_innovation

³ http://www.sdu.dk/en/uddannelse/kandidat/innovation_and_business

PRACTICAL INFORMATION

Time

6th - 10th June 2016

Venue

Cortex Park, University of Southern Denmark in Odense
Cortex Park 26
5230 Odense M

Registration

Please register for the summer school at: sek@tek.sdu.dk

Please register before 25 May 2016.

More information

www.sdu.dk/nordtek2016

Søren Elmer Kristensen

Email: sek@sdu.dk



Accommodation

The students have to plan the travel and stay themselves. The accommodation is at own expense



Visitors Guide

Welcome to Odense - right in the middle of Denmark. Odense is the famous fairytale author Hans Christian Andersen's hometown and the "capital" of Funen. It is packed with history from the past 1000 years, charming old streets and houses, lots of museums and activities and lovely green parks - and at the same time it is a vibrant and lively modern city.

On www.visitodense.com you can find information on restaurants, shopping, accommodation, events, sights and whatever else you need to plan your stay in Odense.

Transportation

Flight

When travelling by flight, you will probably arrive at Copenhagen airport. Copenhagen airport is an international airport with many flights arriving from and departing to all regions of the world. Alternatively, you can fly to Billund International Airport in Jutland - this will require car rental or travelling first by bus to Vejle and then train to Odense.

Train

There are direct trains from Copenhagen airport to Odense. The train ride from Copenhagen airport takes around 1½ hours. Train schedules are available and tickets can be booked at www.rejseplanen.dk. English and German versions are available.