

A modern building with a glass facade and a skybridge, situated near a body of water. The sky is clear and blue. The building has a prominent glass skybridge connecting two parts of the structure. The water in the foreground is dark and reflects the sky and the building.

# INNOVATIVE COMMUNICATION TECHNOLOGIES AND ENTREPRENEURSHIP

study programme presentation

# OUR OFFERINGS

## TECHNOLOGICAL INTERPLAY

As an MSc engineer in ICTE, you will have profound knowledge of the interplay between technologies, users and markets.

## STUDIES FLEXIBILITY

Depending on your preferences you can shape the scope of the classes.

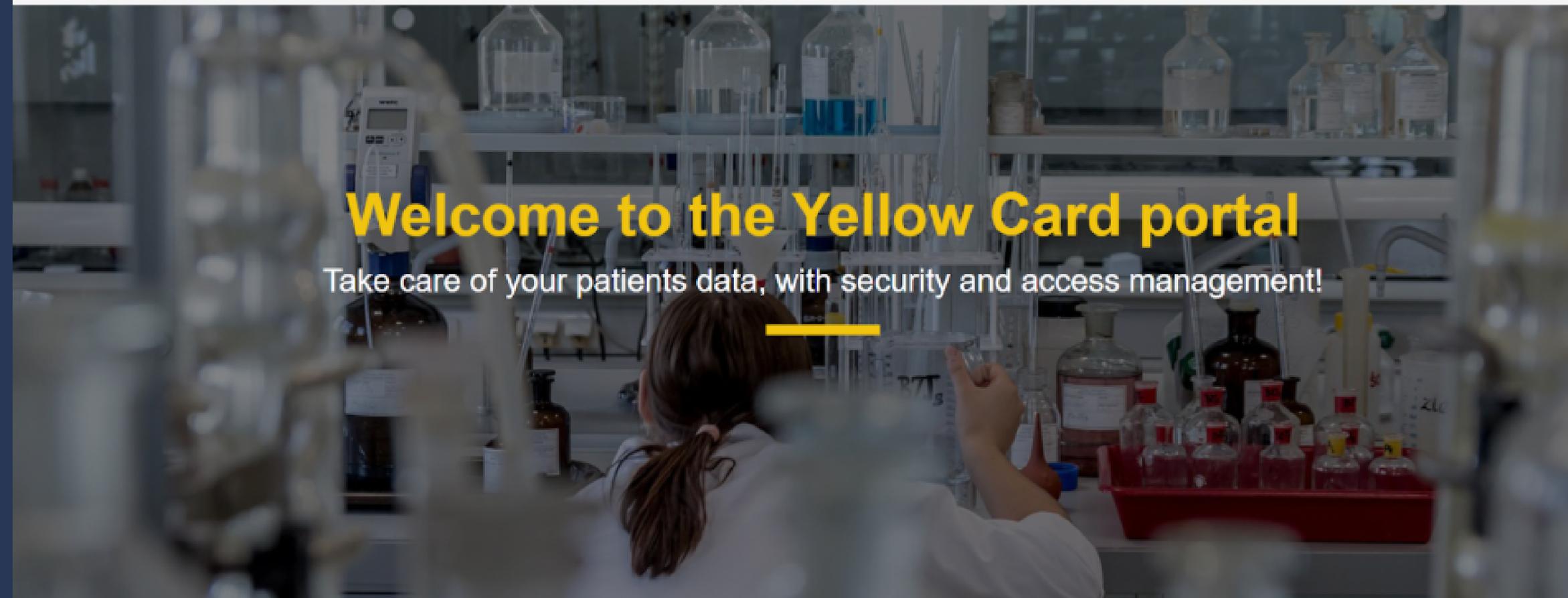
## AWAITING INDUSTRY

Studies are following the newest trends in IT, telco and business.

The aim was to create a digital system which could substitute the plastic CPR card.

A digital application that allows patients to book doctor appointments, see their personal medical history, and have a digital version of CPR.

Development technologies -  
Server (Node.JS) +  
Restful API / Mobile  
Application (iOS) /  
Web application,  
OAuth2.0 and RBAC



## Aron Jakobsen information regarding appointment

CPR:	Firstname:	Lastname:	E-mail:	Mobile no:	Apointment date:	Status:
2154325595	Aron	Jakobsen	<a href="mailto:aron@patient.dk">aron@patient.dk</a>	82382881	2018-09-10	Registered for appointment

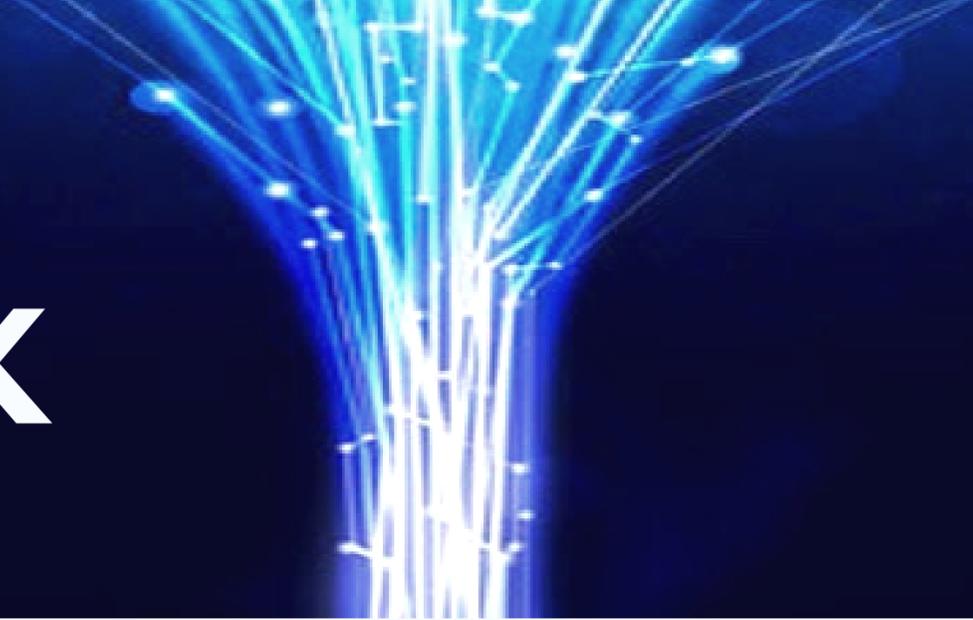
[Update appointment details](#)

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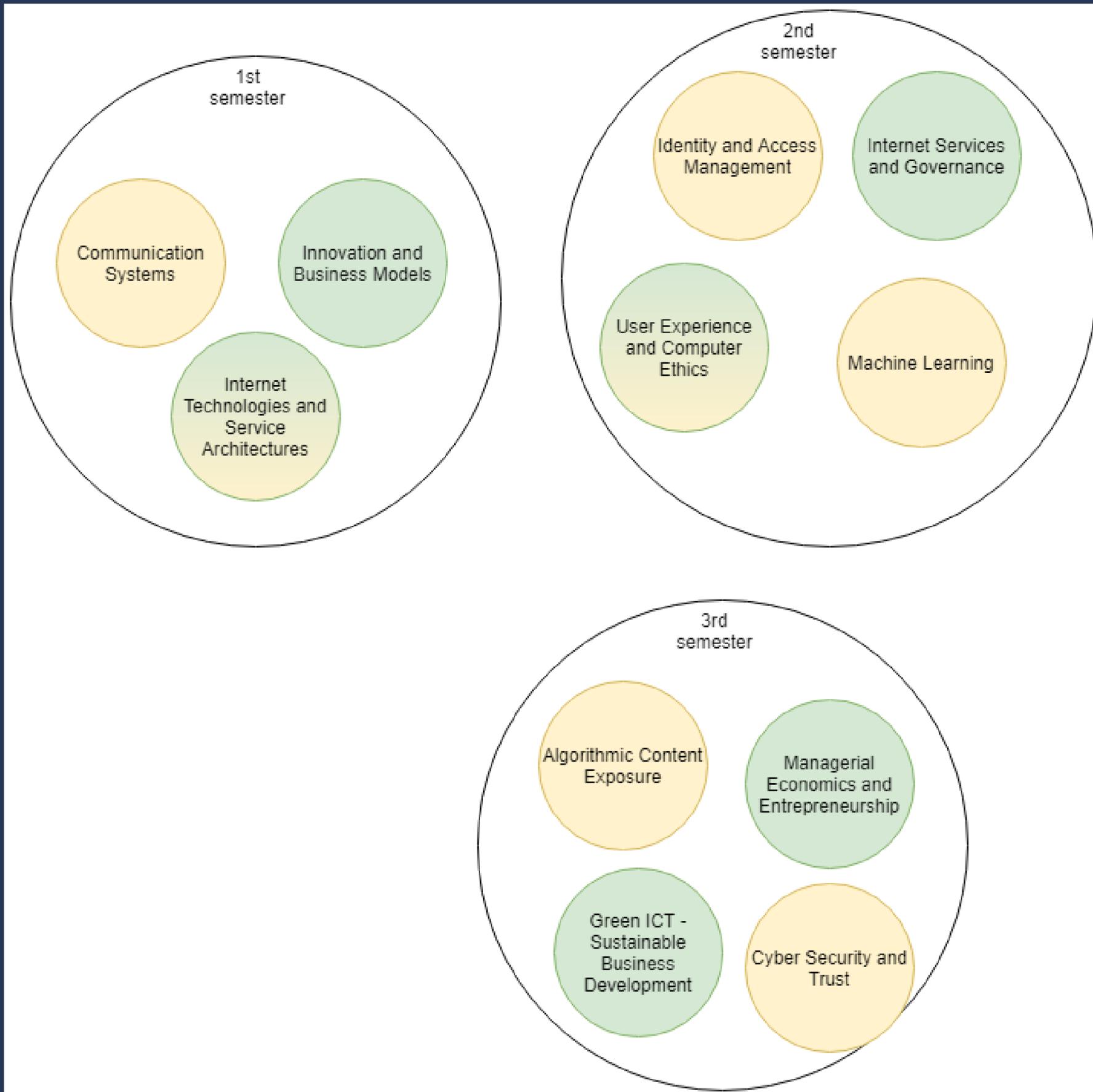
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# TYPICAL WEEK



Time	Mon	Tue	Wed	Thu	Fri
Morning	Project work	Project work	Project work	Entrepreneurship, innovation and business models (EIBM)	Project work
	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
Afternoon	Project work	Internet technologies & service architectures (ITSA)	Project work /	Communication & broadcast networks (CBN)	Project work



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# CLASSES STRUCTURE

fully flexible in regard to your  
needs and intrests

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# A WIDE ARRAY OF TECHNOLOGIES

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FOR 2019

5G, MPEG, IOT, LTE, Blockchain, Web 2.0/3.0/4.0, XML, JSON, SOAP, REST, AJAX, SIP, SIMPLE, IMS, Machine Learning, Neural Networks, Recommender systems, MEAN, SSL/TLS, RBAC, ABAC, FIDO, JWT, OpenID Connect, OAuth 2.0, UX, Cybersecurity, DevOps, SaaS, IaaS, PaaS, Internet Governance, Sustainability aspects, Web 2.0, GDPR and many more...



# Problem based learning + new curriculum

## WORK CLOSELY

Studying at AAU is not about rote learning. Each semester, you will work closely together with a group of fellow students on a large written assignment.

## MACHINE LEARNING

The objective is for you to learn about data modelling, key machine learning concepts such as feature extraction, cross-validation, generalisation and over-fitting and curse of dimensionality among others.

## USER EXPERIENCE AND COMPUTER ETHICS

Through this course, you will become able to understand the relation between HCI, interaction design and user experience.

## ALGORITHMIC CONTENT EXPOSURE

This course builds on knowledge obtained in the modules “Internet technologies and service architectures” and “Machine Learning”.



STUDY ABROAD



INTERNSHIP



A REGULAR  
SEMESTER

**III semester**

**ERICSSON** 



# JOB OPPORTUNITIES

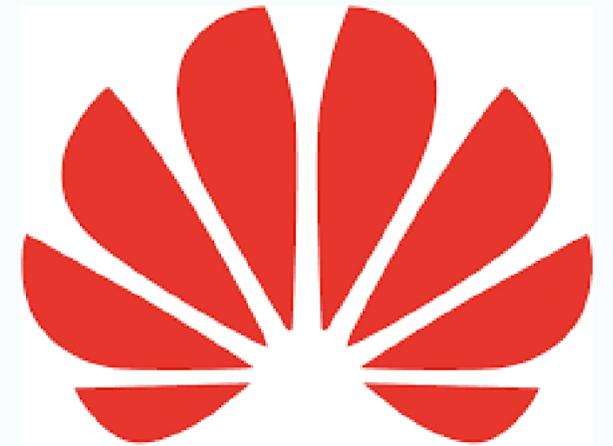
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**NOKIA**

**DR**



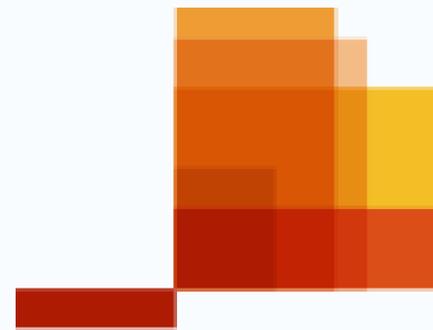
**MAERSK**



**HUAWEI**



**omada**



**pwc**

**3shape** 

**oticon** 



# ADMISSION REQUIREMENTS

## LANGUAGE REQUIREMENTS

CPE, CAE, IELTS (6.5), TOEFL (min. 88)

## MOTIVATION LETTER

WHY do you think we are a match?

## BACHELOR REQUIREMENTS

- Individual assessment of applications
- Applicants must have a sufficient level of IT skills, in particular object-oriented programming, distributed and systems and network architectures
- Must have:
  - A bachelor in technical science, or
  - A relevant bachelor in engineering (diploming.), or
  - A relevant bachelor in natural sciences



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# TRIP TO CHINA

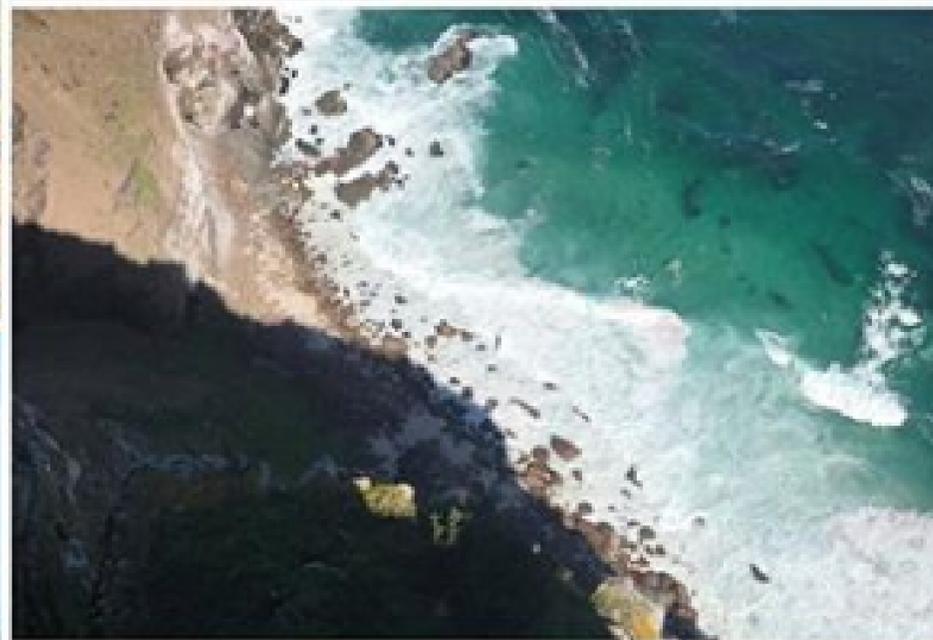
A perfect example where ICTE  
can take you

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# Contact us



MAIKEN KELLER

Senior Secretary

[mke@cmi.aau.dk](mailto:mke@cmi.aau.dk)



HENNING OLESEN

Coordinator for the MSc  
programme

[olesen@cmi.aau.dk](mailto:olesen@cmi.aau.dk)

