



**LAUREA**

AMMATTIKORKEAKOULU

*Yhdessä enemmän*

# CERN BootCamp

## Multidisciplinary Master Studies

Finland at CERN, DAY 3

Session 1: Creativity and innovations in creating solutions





# CERN BootCamp in the nutshell

- ▶ CERN BootCamp is an innovative study concept, which will be co-created together with CERN, universities and companies for each implementation.
- ▶ Three major Helsinki metropolitan Universities of Applied Sciences and Helsinki Institute of Physics have planned a model to provide a unique international learning experience to the group of master's degree students with multidisciplinary educational background.
- ▶ The focus of the studies is to solve societal problems or challenges of the case companies by applying service design methods to have a genuinely people centered, empathetic approach. Further, a holistic approach to all aspects of service innovation and development is adopted.



# CERN BootCamp: target group

- ▶ Master's degree students of Laurea UAS, Haaga-Helia UAS, Metropolia UAS, Helsinki Institute of Physics, Aalto University and Tampere University of Technology.
- ▶ The amount of students is max 20-25
- ▶ The students will be selected based on their study success, achieved ects, motivation letter and interview



# CERN BootCamp: learning objectives

- ▶ After accomplishing the study unit students will be able to
  - ▶ apply service design approach and basic tools to design sustainable innovations
  - ▶ recognize opportunities to solve societal problems with innovations and understand their impact
  - ▶ act as a developer in open innovation networks and environments
  - ▶ conceptualize and commercialize services
- ▶ The extent of the studies is 10 ects



# CERN BootCamp: implementation



Iterative process

# CERN BootCamp: implementation

- ▶ Marketing starts in November 2017
- ▶ Application period
  - ▶ Universities in January 2018
  - ▶ Universities of Applied Sciences in Feb/March 2018
- ▶ Selection of the students by April 2018
- ▶ Contact sessions
  - ▶ Kickoff Friday 18.5.2018 at 16.30-19.30 and Saturday 19.5.2018 at 9-16.30 (dates not confirmed)
  - ▶ CERN 11.-15.6.2018
  - ▶ Final event Tuesday 19.6.2018 at 16.30-19.30 (date not confirmed)
- ▶ Pre-assignment, development assignment inc. presentation, reporting and reflection. Online supervision and support.
- ▶ Language of implementation is English.



# CERN BootCamp: further information

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