CS-E50003 - Seminar in Software and Service Engineering:

Experimenting and Piloting in Smart Cities

FinEst Centre
for Smart Cities

Schedule: June 14th 2022–August 30th 2022

Lecture Module *(June 14th 2022–June 30th 2022)* **1 ECTS**

Introduction	Tue	Jun 14th	15:30–17:00
Prototypes, Pilots, Demo's & MVP's	Wed	Jun 15th	15:30–17:00
Piloting Process, Plan & Evaluation	Thu	Jun 16th	15:30–17:00
Living Labs & Innovation Platforms	Wed	Jun 22nd	15:30–17:00
Co-Creation & Agile Pilots	Tue	Jun 28th	15:30–17:00
Piloting as Research Methodology	Wed	Jun 29th	15:30–17:00
Exam	Thu	Jun 30th	15:30–17:00

Pilot Project Module *(June 27th 2022–Aug 30th 2022)* **4 ECTS**

Pilot Project kick-off	Tue	Jun 27th	15:30–17:00
Check-point Meetings		*(Jul 11th–Aug 19th)*	
Pilot Presentations & Evaluation	Tue	Aug 30th	15:30–17:00
Review & Feedback	Tue	Aug 30th	15:30–17:00

Location:

Lectured on-line on **Zoom** (link will be sent to registered participants)

Content:

This course will offer an introduction to **Piloting as an Innovation and Research Methodology** in the context of Smart Cities.

Objectives:

After completing the course, the student will be familiar with basics terminology related to Piloting and Living Labs. Additionally, the student will learn how to plan, prepare, execute, document, and evaluate agile pilots & piloting programmes, and how to utilise agile pilots in their own research.

Completion & Evaluation:

Lecture Module
- Completed & Documented Exercises (Minimum 5/6)
- Final Exam (Optional, for those who wish to receive a Grade)

Pilot Project Module
- Piloting Plan (30%)
- Piloting Documentation (40%)
- Final Presentation (30%)

Registration:

- https://sisu.aalto.fi/student/courseunit/otm-8551acc1-845e-4861-9c80-6eab67de22c5
- OR by email → Matti.M.Hamalainen@aalto.fi

Coures Material:

- https://mycourses.aalto.fi/user/index.php?id=37796
- https://fvh.io/pocketbook
- https://fvh.io/cohewepub
- http://fvh.io/brnce
- https://kehitakokeillen.fi/ (in Finnish)