

Regional Innovation Ecosystems Workshop, CS 0010, 3 ECTS

30.9-11.10, Design Factory, Urban Mill,
Start-Up Sauna, Otaniemi Campus

The workshop is the Kick-Off and the pilot workshop on integrating Creative Sustainability studies in **the development process of the T3 area** (Otaniemi-Tapiola-Keilaniemi) in the global context (collaboration with Espoo and Shanghai cities).

The workshop is organized with local stakeholders and partners from Tongji University/Shanghai.

CASE: The main task of this workshop is to plan and design a desirable courtyard for Aalto University Design Factory, Urban Mill and Start-Up Sauna that will inspire the development of the creative community on Otaniemi Campus. The outdoor space should have following features: sustainability, creative,

accessibility, reasonable function, interaction with the above mentioned buildings, surroundings (T3 area, Otaniemi, Keilaniemi, Tapiola) and stakeholders, user friendly and inclusive consideration, etc.

The course is a team-based workshop that will start with context study, lectures and brainstorming, will be followed by a working studio, to develop several scenarios of how the space can be used by the people of Aalto University and its collaborators. The students will finally finish the project with a power point presentation and a poster (and a physical model). Lecturing, brain storming, group share, critique and desk review will be the main teaching tools.

Teachers in Charge:

Aalto University/CS, Programme Director
Tiina Laurila, gsm:+358 50 4433977

Tongji University/College of Design and Innovation; Dean, Prof. LOU Yongqi

Workshop teachers: urban
planning&design; Jarmo Suominen,

architecture&building engineering; Markku Lappalainen,
business&innovation; Antti Ainamo and design&art; Laura Isoniemi, land use management & real estate business; Ari Laitala, Visiting lecturers

WORK PROGRAMME

- Pre-task 1 hours (between Monday and Wednesday)
- Lectures 12 hours
- Learning diaries, documentation 14 hours
- Literature 3 hours
- Group work 45 hours
- Presentation 6 hours

LEARNING OUTCOMES

- 1\ basic knowledge of sustainable campus
- 2\ dynamics of complex urban systems
- 3\ holistic perspective on a design challenge
- 4\ human centered design approach
- 5\ team-working spirit
- 6\ intercultural communication

WEEK 40 (preliminary) : 30.9-4.10.**Mon 30.9, Design Factory, Studio 9:00-12:00,
13:00-16:00 Start-Up Sauna and Urban Mill**

Orientation to T3 area (Otaniemi-Keilaniemi-Tapiola) , Urban Mill, Design Factory and Start Up Sauna and Aalto University Sustainable Campus activities

Design Factory, Studio 9:00-13:00

9:00 – 9:15 Introduction to the workshop, Tiina Laurila

9:15 – 10:30 Design Factory introduction – Jussi Hannula

10:30 – 12:00 Options for T3 regional strategy: Community-based innovation, managed ecosystem, and extended enterprise – Antti Ainamo

12:00 – 13:00 Lunch

Urban Mill:

13:00 – 13:30 Sustainable Campus – Meri Löyttyniemi

Start-Up Sauna:

13:30 – 14:00 Start Up Sauna – Antti Niini

Urban Mill:

14:00 – 14:30 Urban Mill – Kari Mikkilä

14:30 – 16:00 Art is ON – Tuula Isohanni

Tue 1.10, Start-Up Sauna, Studio, 9:00-16:00

REGIONAL INNOVATION ECOSYSTEM lecture day, moderator Markku Lappalainen

Lectures by different stakeholders related to the development of Otaniemi campus area from city planning to real estate business and sustainable food in urban communities etc.

9:00 – 9:15 Coffee

9:15 – 9:30 Principles of sustainable urban design and practice, Markku Lappalainen, Ph.D., Architect, Aalto University, School of Arts, Design and Architecture

9:30 – 10:30 Otaniemi Master plan, Janne Gordon, Architect, City of Espoo

10:30 – 11:15 Otaniemi Sustainable traffic system, pedestrian and cyclist traffic, parking and city logistics, Kaisa Lahti, Civil Engineer, Sito Ltd

11:15 – 12:00 Otaniemi Visions, Tero Vanhanen, Chief Creative Officer, Hartela

12:00 – 13:00 Lunch

13:00 – 14:00 Real estate development in Otaniemi, Markku Lappalainen, Aalto University

14:00 – 14:30 Coffee and discussion of sustainable projects

14:30 – 15:30 Food ecosystems and urban farming, Tapio Koivu, CEO, Makery Ltd

15:30 – 16:00 Final results of the day

Wed 2.10, Design Factory, Studio, 9:00-15:30

PD6 Workshop (enhancing interdisciplinary Project Development), Laura Isoniemi

(Tiina Laurila, Markku Lappalainen, Antti Ainamo)

Thu 3.10, Urban Mill, 9:30-16:00

9:30 -10:30 Regional Innovation Ecosystem – integrating different perspectives from urban planning to business and university activities and the Europe 2020 strategy, Markku Markkula, Chair Espoo City Planning Board

10:30-12:00 Creating sustainable harmony – philosophy behind Chinese landscape design, Prof. LOU Yongji, Tongji University

13:00-16:00 Drafting the concept for the planning/design process

Fri 4.10, Urban Mill, 9:00-16:00

9:00-12:00 Drafting the concept for the planning/design process

13:00-16:00 Presenting the initial concepts, choosing the focus for the planning/design project