

INNOVATION PROJECT 2014



 Metropolia

INNOVATION PROJECT 2014

PARTICIPANTS

Industrial design:

Venla Anttila
(Marcus Dake)
Toni Grönmark
Rasmus Lönnqvist
Merja Mähönen
(Heidi Ukkonen)
Marjut Riihimäki

Exchange students:

Ota Kramer
Ugo Janiszewski

Interior architecture:

Emmi Kainulainen
Jonna Teerioja
Josefiina Forss
Julia Chen
Julia Turunen
Juuso Herhi
Kia Koponen
Maria Podduikin
Mira Hölttä
Peppi Kankkunen
Sade Riitijoki
Sofia Frantsi
Taavi Tihkan
Tero Pennanen

Exchange students:

Floriane Masse
Merel Furniere

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Project IV: Innovation project 10 ECTS

Learning objectives:

The student knows how to write a **project plan** and how **to manage a project**. The student will master the skills in multidisciplinary **cooperation and networking**. He/she will also learn how to **communicate** appropriately with different interest groups, is familiar with the challenges of project communication and will improve his/her collaborative skills.

The student will deepen his/her own field of expertise and will be able to evaluate his/her own expertise as part of a project. The student will develop an understanding of how to acquire and revise information from different sources as well as adapt that information to a new material.

The student will learn to observe and take into account both his own as well as other's objectives. The student explores practices from different fields of activities and learns to understand people who work within different lines of businesses.

The student develops an understanding of an innovative process and is able to recognize a creative problem solving process. He/she can justify and argue convincingly, when working as part of a cooperative process.

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Project IV: Innovation project 10 ECTS

Core content:

- Process expertise in terms of development, coordination and management expertise
- Designer's communication skills in **a collaboration project**
- Multidisciplinary product development and/or research activities related to the field
- Applying studies into practice
- Work community co-operation

Evaluation criteria

- Students can put into practice their skills and knowledge in a practical innovation project
- Students are able to work as a member of a multidisciplinary development team
- Students can produce innovative product concepts

INNOVATION PROJECTS 2011-2013

<http://lad.metropolia.fi/> and

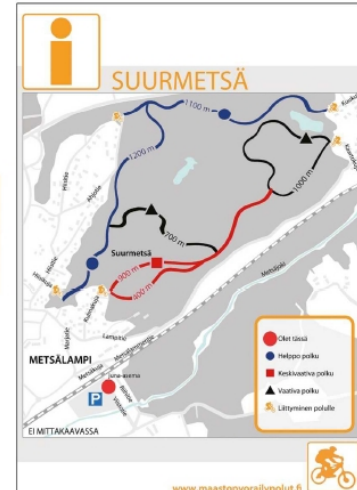
<https://wiki.metropolia.fi/display/lad/Liikkuvan+Arjen+Design;jsessionid=330D72A762181657D913F881DB845091>



Service station / Bicycle Center services



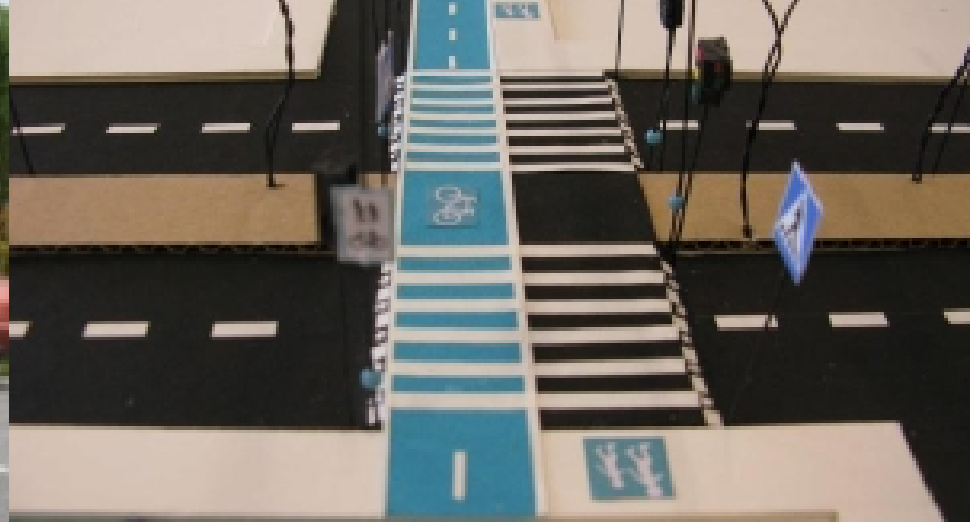
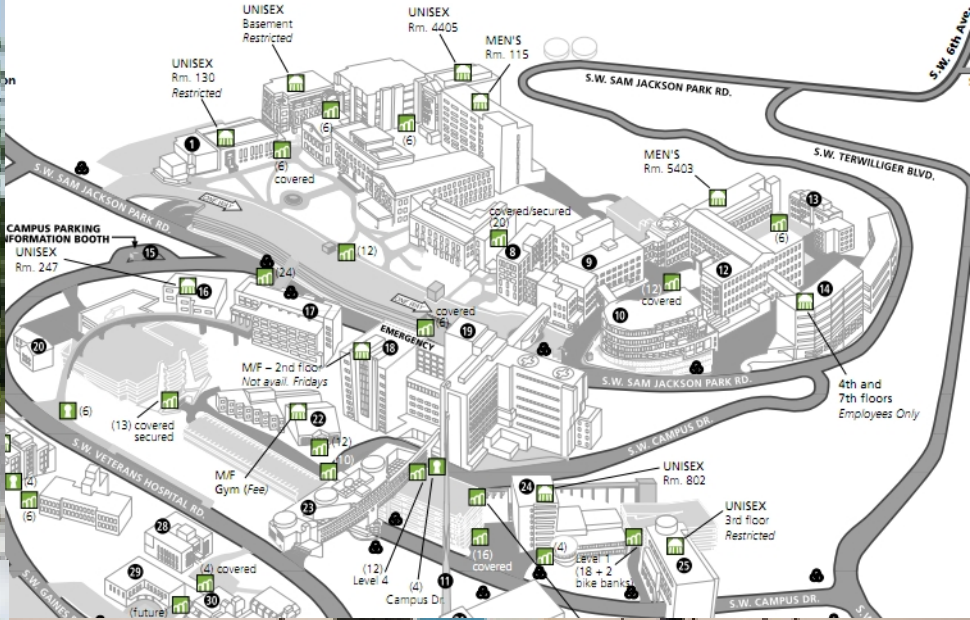
Pop up-workshop / Mountain bike path signage



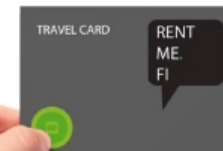
Buggy (house owned, community owned)



School path



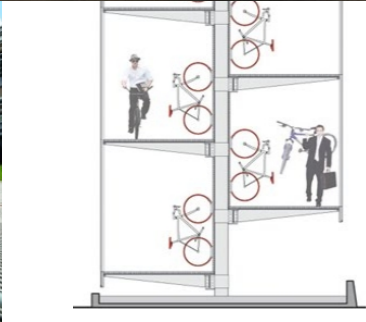
Bicycle rental concept



PALVELUPAKETIT



Bike parking



Bicycle Center 2.0



Bicycle routes and lanes



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THEMES FOR THE GROUPS

1. **KIVISTÖ HOUSING FAIR 2015**
2. **CAMPUS 1**
3. **CAMPUS 2**
4. **VELOCITY NANTES**
5. **L&T OUTDOOR SORTING HOUSE / UNIT**
6. **L&T SORTING GUIDE / INSTRUCTIONS FOR THE SORTING SYSTEM**
7. **BICYCLE SERVICES IN CAMPUS AREAS**
8. **CYCLING PROMOTING**

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THEMES FOR THE GROUPS

1. KIVISTÖ HOUSING FAIR 2015

How should Metropolia Design be shown in Kivistö housing fair?

Jonna Teerioja	Interior architect
Josefiina Forss	Interior architect
Sade Riitijoki	Interior architect

2. CAMPUS 1

How the brook/creek of Myllypuro should be taken under the consideration in planning the campus area?

Julia Turunen	Interior architect
Tero Pennanen	Interior architect
Merja Mähönen	Industrial designer

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THEMES FOR THE GROUPS

3. **CAMPUS 2**

How are the majors shown in the new lobby of Myllypuro Campus?

Sofia Frantsi	Interior architect
Juuso Herhi	Interior architect
Ota Kramer	Exchange student

4. **VELOCITY NANTES**

What is the most interesting way to present LAD project in Nantes 2015?

Peppi Kankkunen	Interior architect
Julia Chen	Interior architect
Ugo Janiszewski	Exchange student

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THEMES FOR THE GROUPS

5. L&T (Lassila&Tikanoja) OUTDOOR RECYCLE/SORTING SPACE/ROOM

How can the sorting/sorting space of a residential house encourage people to recycle more and better?

Mia Hölttä	Interior architect
Emmi Kainulainen	Interior architect
Toni Grönmark	Industrial designer

6. L&T (Lassila&Tikanoja) SORTING GUIDE/INSTRUCTIONS FOR THE SORTING SYSTEM

What kind of information is needed to encourage the people to recycle and do sorting better?

Rasmus Lönnqvist	Industrial designer
Kia Koponen	Interior architect
Floriane Masse	Exchange student interior

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THEMES FOR THE GROUPS

7. BICYCLE SERVICES IN CAMPUS AREAS

What kind of bicycle services would be important and functional in Myllypuro campus area and also for neighborhood? (+ other campus areas)

Marjut Riihimäki	Industrial designer
Venla Anttila	Industrial designer
Merel Furniere	Exchange student interior

8. CYCLING PROMOTING

How should we motivate the cycling and bicycle culture in the Helsinki metropolitan area?

Taavi Tihkan	Interior architect
Maria Poddoukin	Interior architect
Kultaseppä	Industrial designer

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First task for tomorrow 09:15-

- Short intro- what are you going to do
- First ideas about the solution and process
- How to get there

- Some material will be given afterwards

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TIMETABLE: 25.08.2014 – 09.10.2014 Mo - Thu

	week 35	week 36	week 37	week 38	week 39	week 40	week 41
ORIENTATION PHASE							
First thoughts and ideas	Tue 26.8						
Plan of actions presentations	Thu 28.8						
PROJECT PHASE							
Group meeting with the tutors		Mo 1.9.			We 24.9.	Thu 2.10.	
Presentations to all			Tue 9.9.	Thu 18.9.		Mo 29.9.	
Final presentations							Thu 9.10.

+ Helsinki – Copenhagen seminar at Hanasaari 10.9. 2014 , 13 -17.30

<https://www.hanaholmen.fi/en/cultural-center/events-calendar/details/1042-helsinki-copenhagen-curating-and-designing-the-city>

+ Presentations to clients 10.10.2014

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Week 35

Mo	25.8.	Introduction of the LAD- project and brief
Tue	26.8.	Verbal presentation + background study
We	27.8.	Group work background study
Thu	28.8	0915- Presentations: plan of actions and brief Plan of actions (brief and project plan) + Presentation <ul style="list-style-type: none">- What is your topic (- What have you learned from the previous groups)- What are you studying and how (methods)- What is the outcome (concept, scale model, model, prototype)- Preliminary timetable

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Week 36

Mo	1.9.	Group meetings with the tutors
Tue	2.9.	Group work - L&T 0915- 1100 Sebastian visit
We	3.9.	Group work
Thu	4.9.	Group work

Week 37

Mo	8.9.	Presentations to all - Ideas, clarifying the brief <ul style="list-style-type: none">- benchmarking- target group- bottlenecks, evaluation of the problems (cosmetic vs. catastrophic, price, difficulty, etc.)- solution ideas, sketches
Tue	9.9.	Group work
We	10.9.	Seminar In Hanasaari
Thu	11.9.	Group work

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Week 38

Mo	15.9.	Group meeting with the tutors
Tue	16.9.	Group work
We	17.9.	Group work
Thu	18.9.	Presentations to all - Solution development - mapping the current situation - first mock ups, tests and results, etc.

Week 39

Mo	22.9.	Group work
Tue	23.9.	Group work
We	24.9.	Group meetings with the tutors
Thu	25.9.	Group work

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Week 40

Mon	29.9.	Presentations to all Mapping the situation (shortly)
Tue	30.10.	Group work
Wed	1.10.	Group work
Thu	2.10.	Group meetings with the tutors

Week 41

Mon	6.10	Group work
Tue	7.10.	Group work
Wed	8.10.	Group work
Thu	9.10.	Final presentations - final prototypes, mock ups, concepts
Fri	10.10.	Final presentations to clients