

NUAS Joint Conference 2015 in Aarhus

Workshop:

**The top 10 research findings from Future Learning
Environment Research and Development
Case Kampusareena at TUT Campus**

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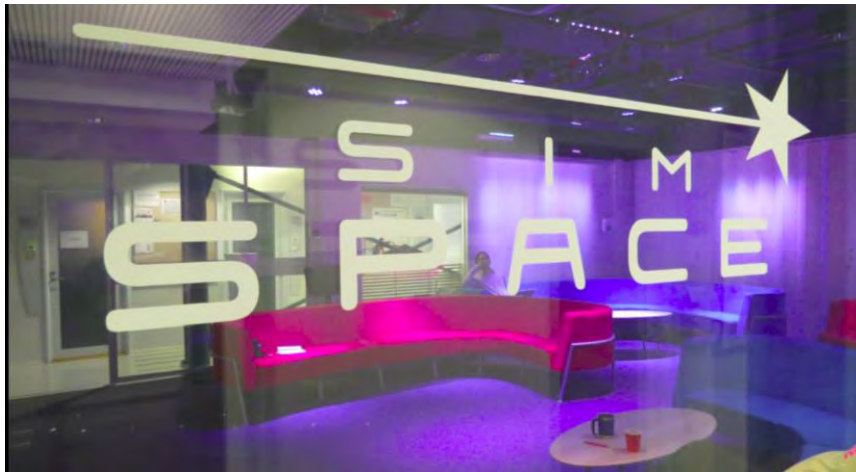
First two examples of UPF demos

Musica in University of Jyväskylä

- <https://www.youtube.com/watch?v=UVTLXe2h6RI&feature=youtu.be>

Simspace in University of Tampere

- <http://youtu.be/fOJCmey2gFU>



Participants of the workshop: Who are you? Describe your best workplace?

Result 0:

We are all different.

We like different kind of workplaces.

Diversity of workplaces is needed.



UPF

Case: Kampusareena

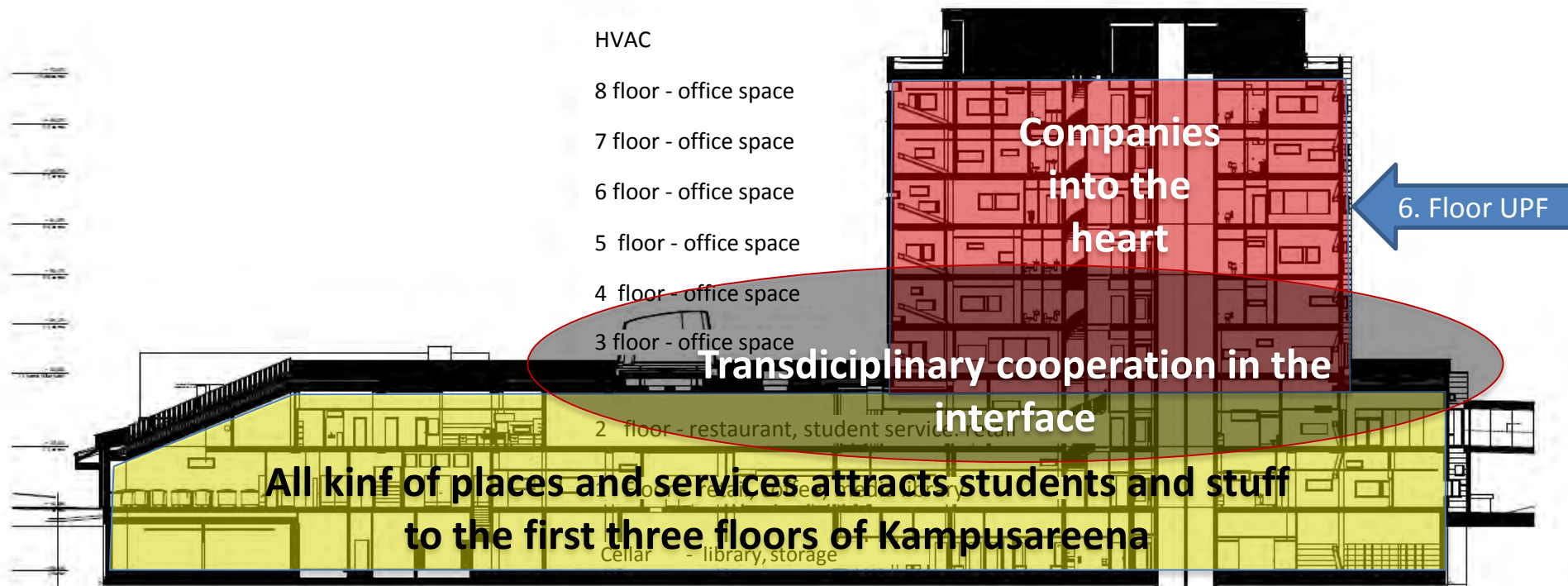
New Brand building of TUT Campus



**Green and
Creative
Building**

**Outdoor
Meeting places**

The Concepts of Kampusareena as Learning Environments at Tampere University of Technology



Some web sites about Kampusareena

- <http://www.kampusareena.fi/tampere/>
- <https://www.joomag.com/magazine/mag/0087988001447147026/p20>
- <http://www.projektuutiset.fi/tty-nosti-itsensa-jalustalle/>

Result 1

- Best learning environments are active

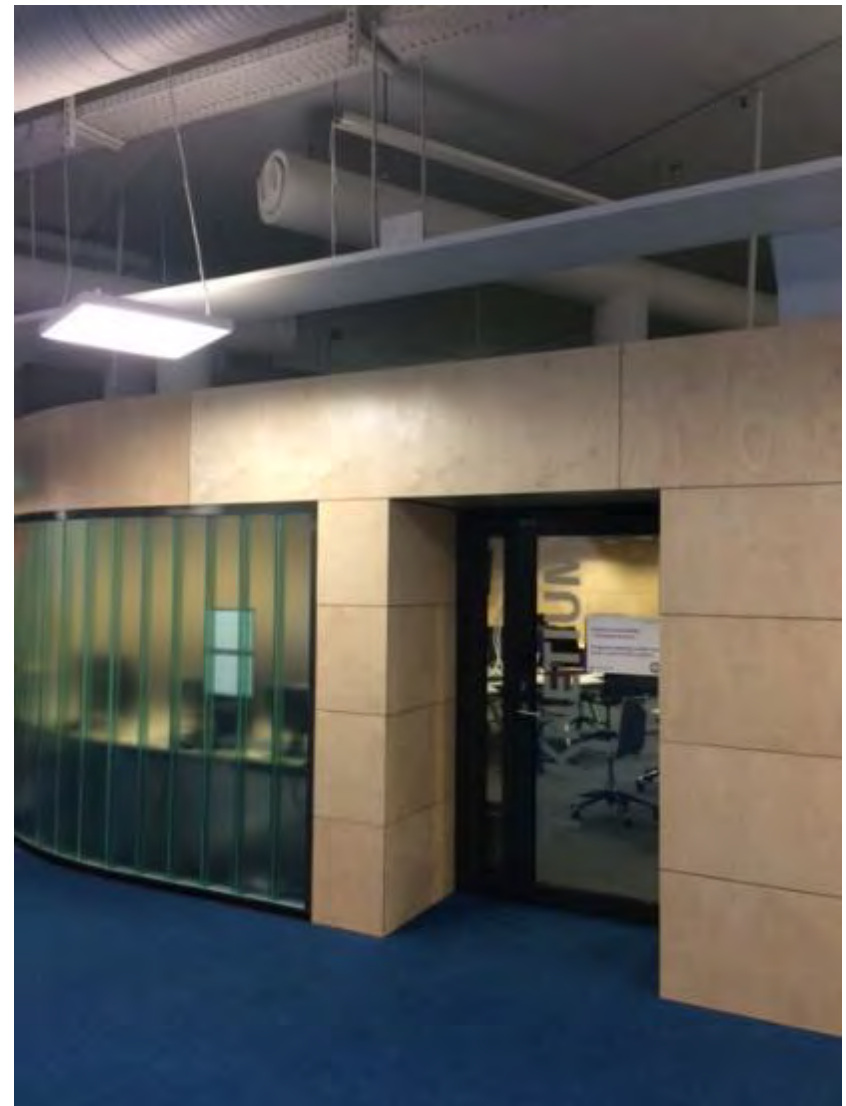


Library of Kampusareena
Open 24/7
Places in spaces



In library







Lobby with places in spaces - 40 cm higher



Students really love Campus arena



Restaurant hall Available 24/7



Restaurant in use



Result 2

- Experiences and demonstrations are the foundation of learning

How to improve use rate of the most efficient student restaurant in Finland

Target:

Increase the use time from 10-15 to 24/7

Restaurant can be used also for

- **Group works**
- **Meetings**
- **Parties in evenings**

Solutions:

Flexible

- **Furniture**
- **Lighting**
- **Stage**
- **...**





And almost everything went wrong

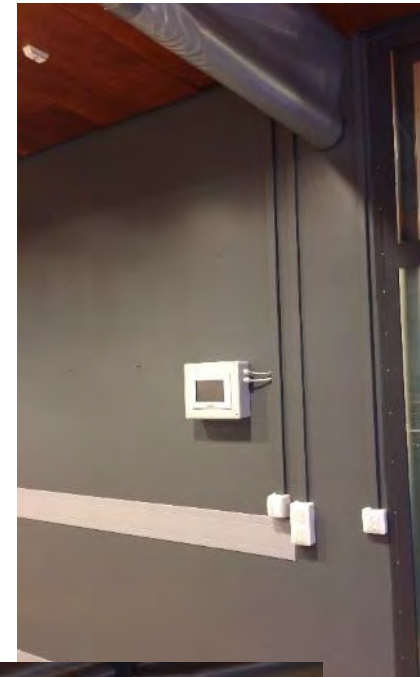
Stage – too high

Looses – too dull, are not used for studies

Rollup door -

Were substituted by rollup curtains. Anyone can pass it- not 24/7

Adjustable lighting- changes atmosphere, worked



Student restaurant is a banquet hall of Juvenes

http://www.juvenes.fi/Portals/0/360/newton/juvenes_newton.html



Traditional student restaurant can be banquet hall for 250 persons



Lähde: http://www.juvenes.fi/Portals/0/360/newton/juvenes_newton.html

Library Pop-up demos only 2500 €

- Student work
- Flat racks (kuormalava)
- Fair carpets
- paint
- Transparent textile
- ...





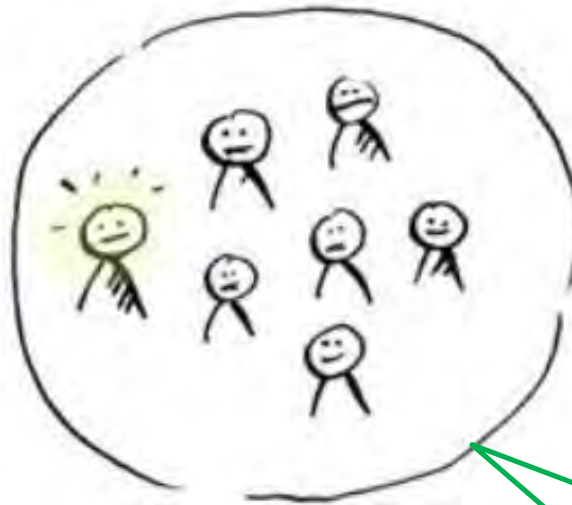
Workshop: The top 10 research findings
from Future Learning Environment
Research

Findings

Alone, together, alone together



Alone?



**Alone
together
Co-working
is nice and
efficient**



Together?

**Efficient co-working
arenas:**
Cafes, restaurants,...
Trains, airplaners,...
Hubs, coffices, hoffices,...
Co-working tables

Result 3

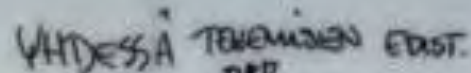
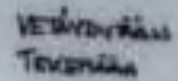
- Big room is one essential platform for co-creation among users of the facilities





MITEN VÄRDLIHA KIRJASTO
HYÖDYKÄSTÄÄN MAAILMAKIRJASTI?

Peer
review
article



2-11

2. - 1102

20

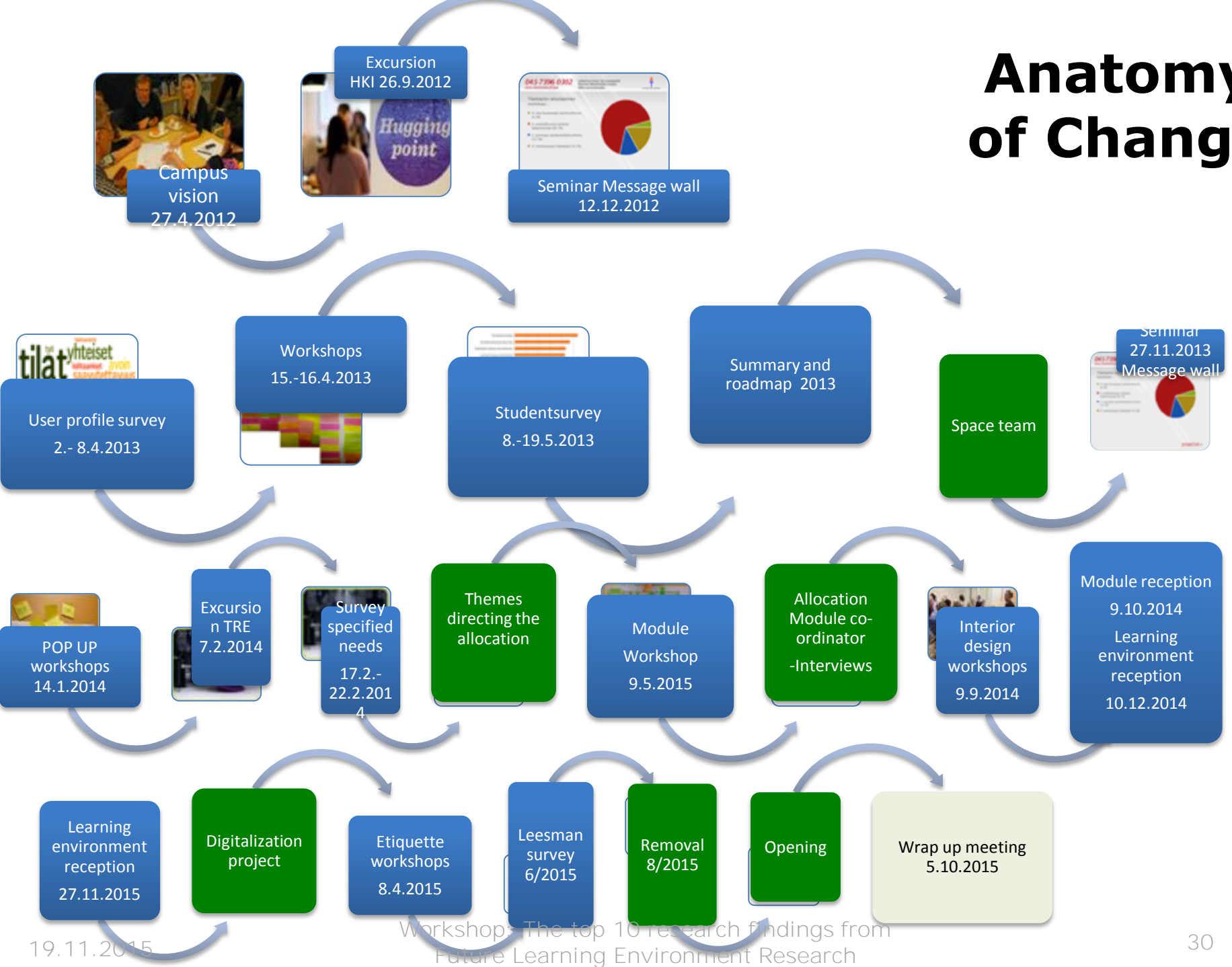
10

CHINESE

Result 4

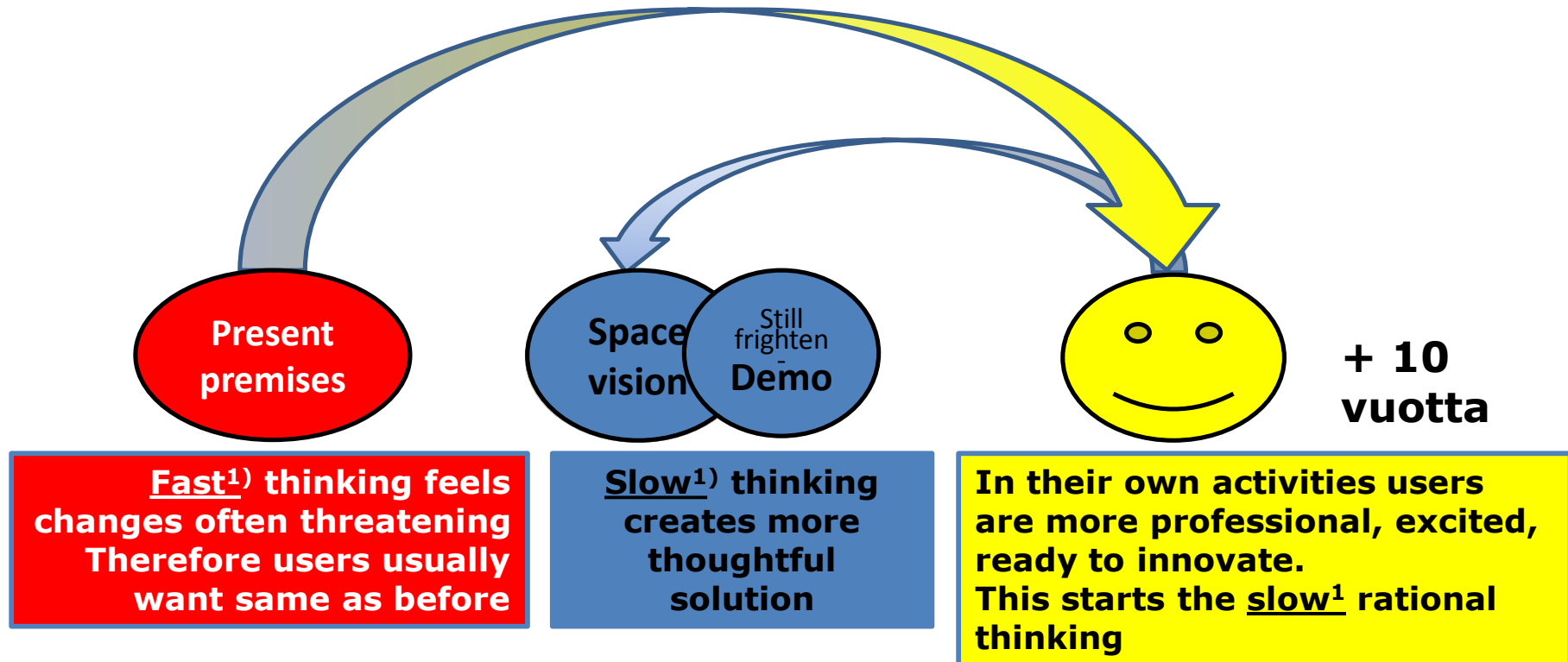
- Building trust and building building – user involvement iterative process, building project is linear process.

Anatomy of Change



Because of our fast thinking it is very difficult to change our working environments

We must talk in users' language and about things that are important to users
Eg.: How do you work/should work after 10 years?



**1) Kahneman: Thinking:
Fast and slow**

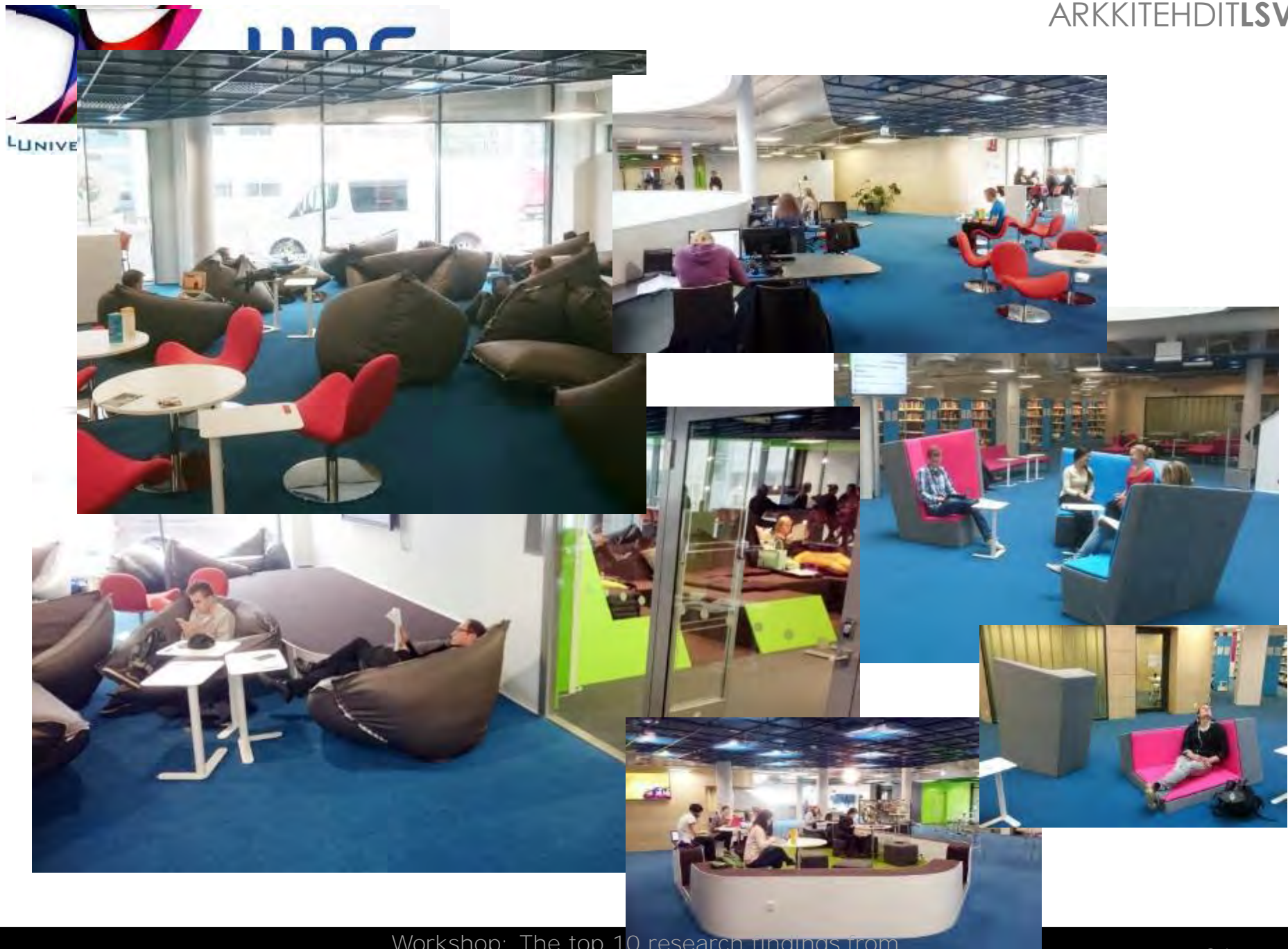
Slow thinking is needed

Result 5

- Diversity of solutions

Platforms work in lobbies





Result 6

- Multifunctional facilities

Multiuse auditorium in Campus arena



Result 7

Transparent environment make the knowledge, skills and activities visible – we know what to share.

Lecture rooms more visible





UNIVERSITY PROPERTIES OF FINLAND LTD

Laboratories are more visible



Open learning laboratory



Result 8

Experience management: services and service environments are comfort factors

Student restaurant is actively used even in evenings



Result 9

- New ways to use University premises
- Short term contracts

Regus Kora at Tampere

7-8 floor, 1400 m²

Regus has offices

- In 120 countries
- 900 cities, in Finland 7
- 2500 offices , in Finland 31 + 4



Prices:
10 €/day,
50, 100, 150, 250€/month
Meeting rooms 5-20-40 €/h

Result 10

Also outside spaces can be used

Old parking lot => A new meeting arena



Case Campusfest

