



eltic-Plus⁺

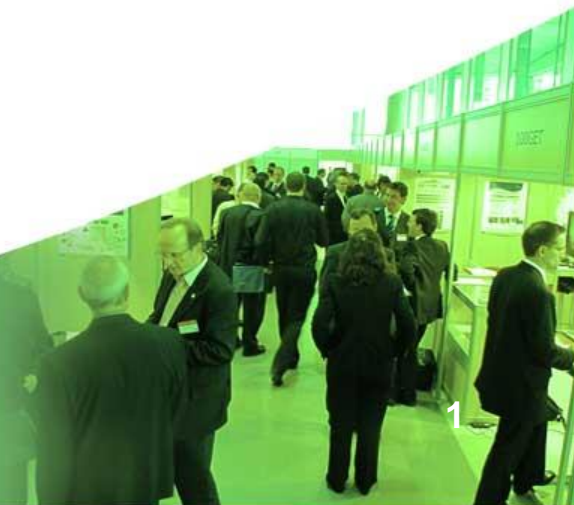
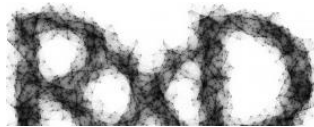
Smart Connected World



Celtic-Plus Event
Project Ideas and Networking
19st May 2017, Barcelona

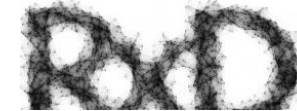
Hospital Corridor/Waiting Room of the future

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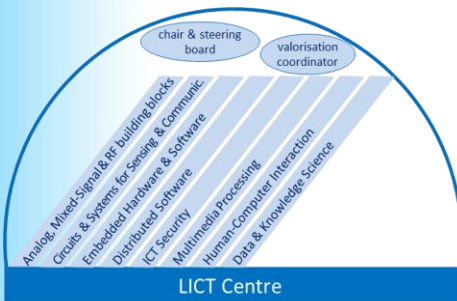
How to give more 'value' to (Hospital) Corridors or Waiting rooms by exploiting digital technology?





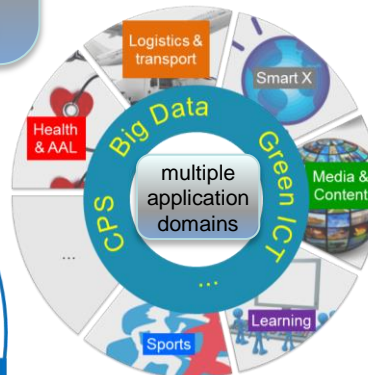
Cross-departmental multi-disciplinary research centre on ICT@KU Leuven
hardware & software, as well as **user & legal** issues

14 research groups
 ~ 80 professors, ~ 500 researchers



8 research lines

large expertise in national & international research collaboration



Team:

2 professors, 18 researchers

Research domain:

interactions between scientific research and design:

- research 'about' design'
- research 'through' design
- research 'for' design

Overall objective: make architecture and public space smarter, more inclusive, and more engaging.

Related fields: inclusive design, architecture and care, design education, smart cities, data visualization, human-computer interaction and digital fabrication.

Proposal Introduction (1)

Background/motivation:

- Multiple activities in hospital corridors: looking for rooms, impromptu waiting room, contact between patients, transport of patients, 'playroom' for kids, ...
- Current situation:
 - Cool, unattractive places
 - Waiting room ~ tables & chairs, no information



Idea:

Make corridors/waiting rooms interactive by adding screens (+ complementary technology) to e.g.

- provide support for wayfinding
- get patients out of their room
- improve working environment for caregivers
- ...

Technology needed:

Depending on 'activity'

- sensors (e.g. for localisation, activity detection, person follow-up, ...)
- HCI technology (speech, vision, ...)
- network of screens + backbone
- (interactive) applications
- personalisation technology
- ...

Available key partners and capabilities:

Research institute: KU Leuven-LICT

RxD research group

- data visualization and analytics
- novel interactive and graphical representation methods to reach and engage casual end-users in public environments

other HCI pillar research groups

- HCI technology (speech, vision, touch, ...)

Missing capabilities and/or partners:

- SMEs, large companies, research institutes, ...
- see ‘technology needed’
- (project coordinator)

Contact Info

For more information and for interest to participate please contact:



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