

On the Disappearing Boundary Between Digital and Physical Spaces in Academia

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SEAD

Software Engineering
and Design

 **Lero**
THE IRISH SOFTWARE
RESEARCH CENTRE



The Open
University

- **Context**
 - Distance Education
 - Distributed Research
- **Themes**
 - Groups
 - Values
 - Intertwined spaces
- **Challenges**
 - Scale
 - Personalisation
- **Takeaways**



CONTEXT

Lero – The Irish Software Research Centre

Founded **2005** | grown to **11** HEIs



~€100m
Funding



70
Nationalities



~2,500
Publications



€1 → €5.25
To Irish Economy



~285
Researchers



11
HEIs



52
Industry partners



80+
Industry projects



36
Patents



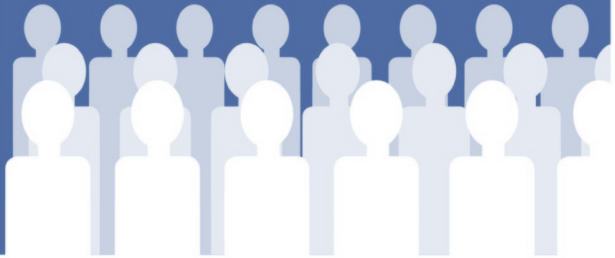
HEIs = Higher Ed. Institutions



CONTEXT

The Open University – UK's Largest University

173,927
formal students



3 in 4
students are
already in work



34%
enter with two
A Levels or less



88%
of the FTSE 100
have sponsored
staff with the OU



61,000
STEM
students



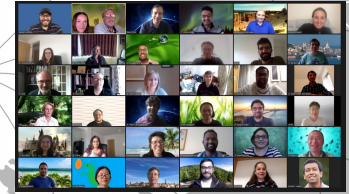
CONTEXT

Open University – Lero Collaboration

SEAD | Software Engineering
and Design

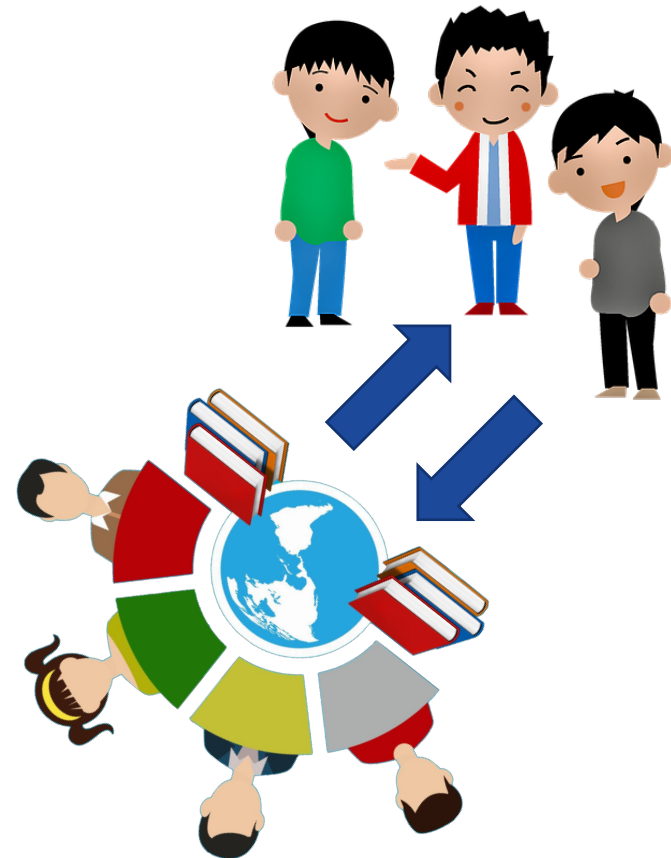


Lero
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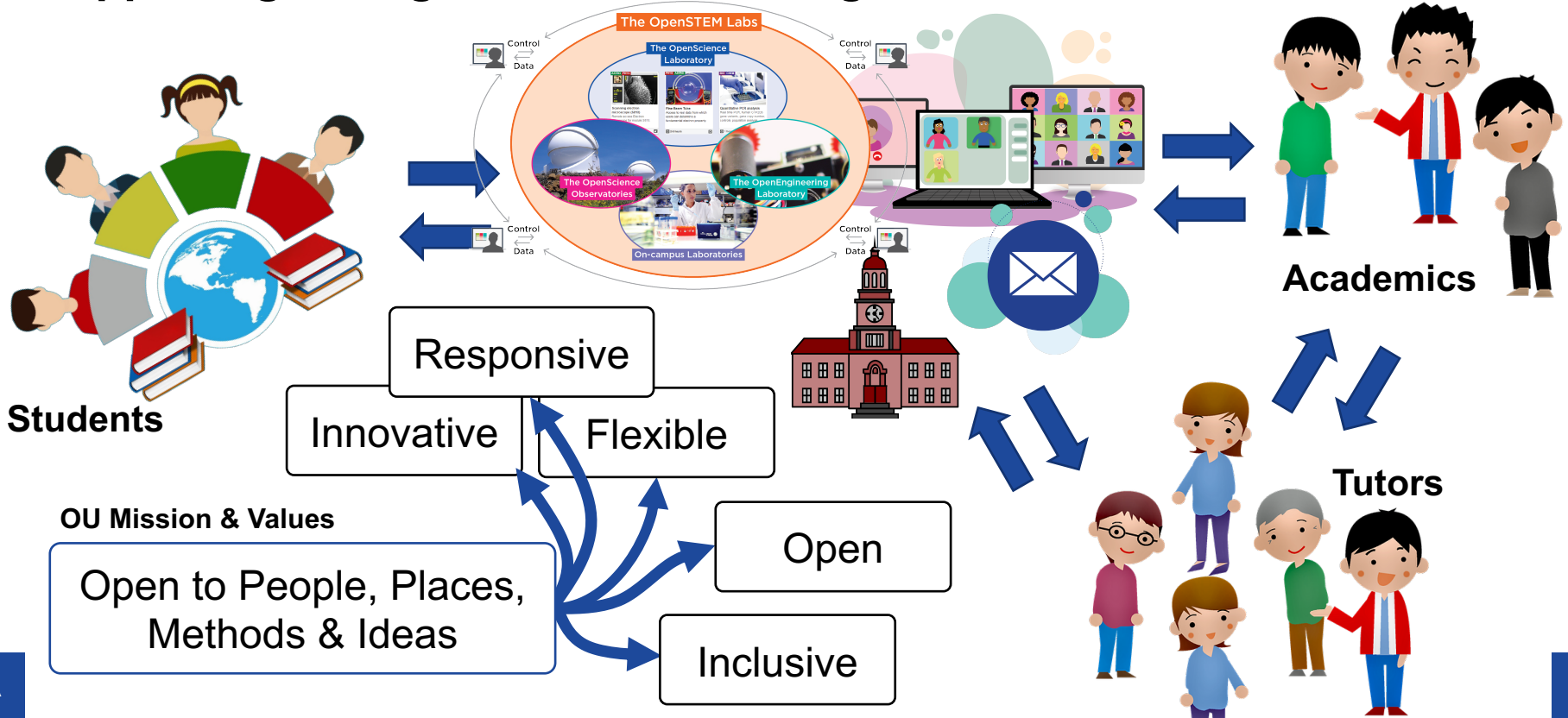


Distance Learning

- **Multiple models of delivery**
 - Online lectures
 - Blended learning
- **Challenges**
 - Developing practical skills
 - Building community
- **Shifting landscape**
 - Higher education finance policy
 - Changing competition
 - Shifts in media



Supporting Dialogues, Understanding Values



Groups, Departments, Centres, Institutes

- **KIT – Keeping in Touch**
 - Random & Social
 - Non technical
- **WIT – Working in Teams**
 - Thematic & functional
 - Project aligned
- **SPIT – Spontaneous Interactions**
 - Creative and unconstrained
 - Inter-disciplinary
 - Collaborative

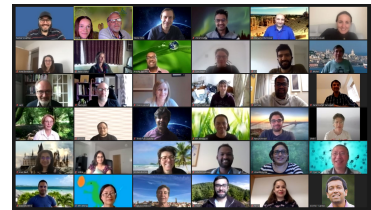
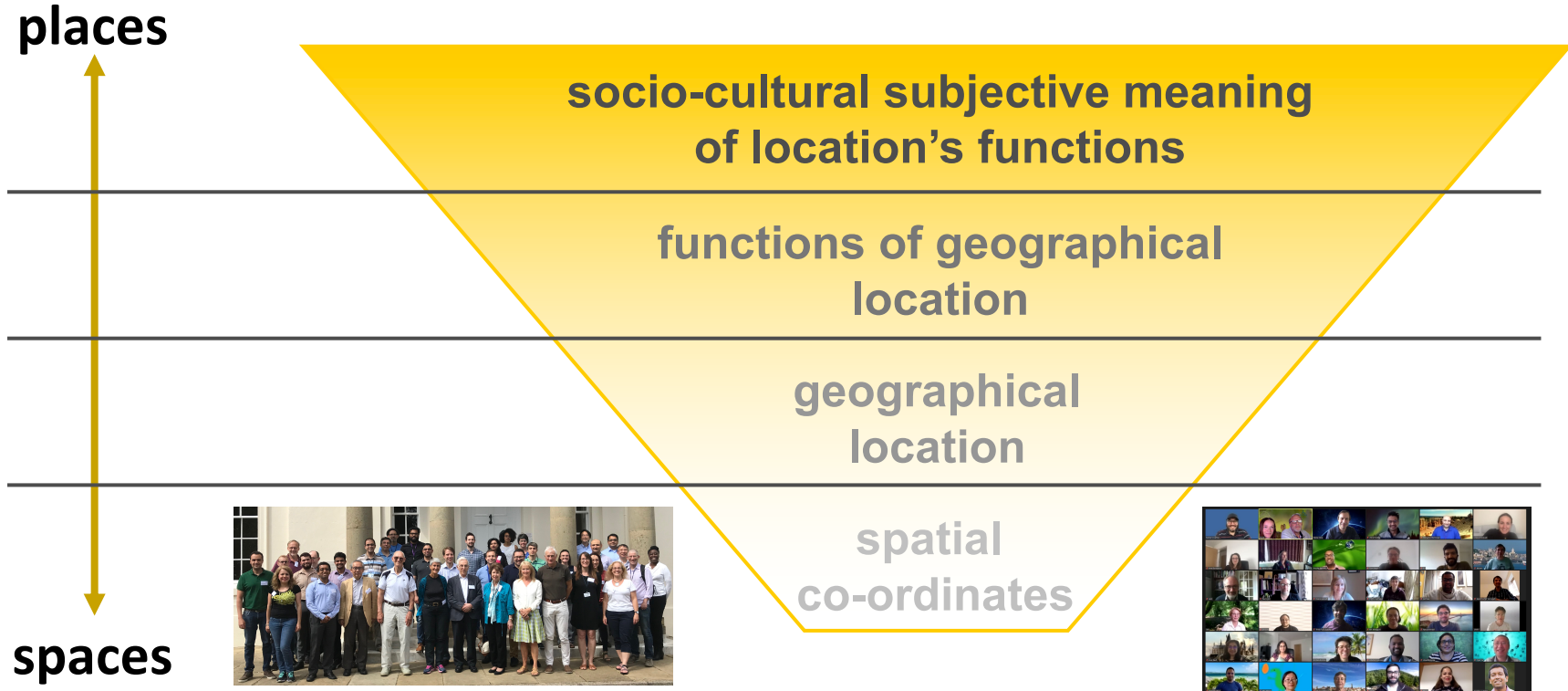


Values We Live By

- **How we work**
 - Excellence
 - Inter-disciplinarity
 - Collaboration
- **The way we live**
 - Justice & Discrimination
 - Wellbeing & Disease
 - Happiness & Fear
 - Diversity & Integration
 - Sustainability & Development
 - Me & Us
- **Making a difference**
 - Responsible Software Engineering



From spaces to places



Supporting Scale

- **Opportunities**
 - Greater geographic reach
 - Support larger groups
 - Include diverse perspectives
- **Challenges**
 - Need to consider values
 - Limits to economies of scale



KEY TAKEAWAYS

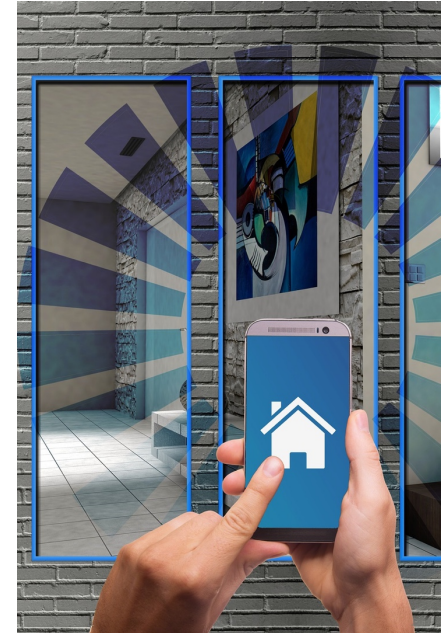
Understanding the Disappearing Boundaries



Wisdom of Groups



Shared Values



Places & Spaces

THANK YOU

CONNECT WITH US ONLINE

Web:

<http://sead.open.ac.uk>
<https://spare.lero.ie>

<https://www.open.ac.uk/stem/computing-and-communications/>
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