Impact of research and innovation on education

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Future Education - Panel discussion
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Focus and outline: A *singular* experience

- **UTE**
  - Two separate communities: researchers vs teachers
  - No relevant courses for practice-based research
  - Lack of cooperative culture between policy makers, researchers and practitioners

- **3 levels of development towards the future education**
  - institutional
  - pedagogical
  - scientific
1. The institution level

How to guarantee the openness vis-à-vis of the external society and to favour emerging pedagogies oriented by contextual changes?

*Teacher-researchers, Student-researchers*
2. The pedagogical level

How to adapt the system to shift from subject to people activities / competencies, as well as from academic to academic/contextual knowledge?

- **Situatedness** as a central dimension of learning
- Rethinking **evaluation**
3. The scientific level

How to integrate the relevance of innovation (creativity, artefacts, technology) to overcome disciplinary and curricular barriers?

- Digitalization in education
- Creativity, Socio-materiality, Sustainable development

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<tr>
<th>WAYS OF THINKING</th>
<th>TOOLS FOR WORKING</th>
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<tr>
<td>• creativity and innovation</td>
<td>• information literacy</td>
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<td>• critical thinking, problem-solving,</td>
<td>• information and communication</td>
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<td>decision-making</td>
<td>technology (ICT) literacy</td>
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<td>• learning to learn/metacognition</td>
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<th>WAYS OF WORKING</th>
<th>WAYS OF LIVING IN THE WORLD</th>
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<td>• communication</td>
<td>• citizenship – local/global</td>
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<td>• collaboration (teamwork)</td>
<td>• life and career</td>
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<td>• personal and social responsibil-</td>
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<td>ity (including cultural awareness</td>
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<td>and competence)</td>
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Back to some conference’s topics:
Lessons learned

- Shift in purpose and strategy of education, towards a new paradigm

- Overcoming disciplinary barriers to opportunities for creative thinking, to prepare next generations for future accomplishment

- *There is always room for improvement*

*If you want to go fast, go alone. If you want to go far, go together* (African proverb)