Prof. Pekka Neittaanmäki
Professor and Dean., University of Jyväskylä

Master's students:
Elmira Galeieva
Anthony Ogbechie
Learning Platform

“Without a broader vision of social change, new technologies will only serve to reinforce existing institutional goals and forms of social inequity. Many prior attempts to mobilize technology in the service of educational reform have failed because interventions have focused narrowly on the deployment of particular media or technologies, without considering broader social, political, or economic conditions.

“Connected learning is socially embedded, interest-driven, and oriented toward expanding educational, economic, or political opportunity. It is realized when a young person is able to pursue a personal interest or passion with the support of friends and caring adults, and is in turn able to link this learning and interest to academic achievement, career success, or civic engagement. Unlike efforts at educational change that focus on technology deployment or institutional reform, connected learning takes a networked approach to social change that aligns with our ecological perspective.”

– Mizuko Ito, professor in residence, University of California, Irvine.
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Learning Ecosystem - Amplifying Student Engagement on Learning Management Platforms

Read article: https://www.linkedin.com/pulse/learning-ecosystem-amplifying-student-engagement-arvind-thothadri

The Learning Ecosystem: The Digital Revolution

Creating Long-Term Memories from Online Coursework by Strengthening Fragile Knowledge

Read article: http://tatwork.blogspot.fi/2011/11/creating-long-term-memories-from-online.html

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Read article: https://mgdolence.com/2014/07/22/prototype-strategic-plan-1/

The State of Digital Education Infographic

Read article: https://www.knewton.com/infographics/the-state-of-digital-education-infographic/
THE FACTS ABOUT DIGITAL AND BLENDED LEARNING

[Image of a child using a laptop with scientific formulas and a world map]


How Learning Will Work in the Near Future: 12 Features of Next-Gen Platforms

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Read article: http://www.nwlink.com/~donclark/hrd/sat5.html
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Digital learning platforms transform education


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Read article: http://www.yeedor.com/education/an-exhausted-sea-of-digital-learning-platforms/

How Digital Learning is Boosting Achievement

Read article: http://gettingsmart.com/2014/03/how-digital-learning-is-boosting-achievement/
eLearning Technology in the Classroom

Key aspects of a Learning Platform

- **Curriculum Delivery**: Standard and benchmarks linked to resources for learning, assessment and collaboration tools and external links.
- **Assessments**: Submitted in any media, then assessed against benchmarks using rubrics.
- **ePortfolios**: Student-selected artifacts of learning which illustrate growth and progress over time.
- **Gradebooks**: Online gradebooks with visual tracking progress against benchmarks. Shared with students and parents.


The Power of Platforms

What are Innovation Platforms

Read article: http://r4d.dfid.gov.uk/pdf/outputs/WaterfoodCP/Brief1.pdf

Deeper learning by design: what online education platforms can do

Read article: http://theconversation.com/deeper-learning-by-design-what-online-education-platforms-can-do-9803
Building Innovation: Learning with technologies

Read article: https://research.acer.edu.au/cgi/viewcontent.cgi?article=1009&context=aer

TECHNOLOGY-RICH INNOVATIVE LEARNING ENVIRONMENTS

Towards a new-digital learning ecosystem based on autonomic Web services


NAVIGATING THE NEW LEARNING ECOSYSTEM

Read article: https://net.educause.edu/ir/library/pdf/ELI7084.pdf
Regenerating the Learning Ecosystem

Five Disruptions

Recombinant Education:
Regenerating the Learning Ecosystem

This forecast previews five disruptions that will reshape learning over the next decade. Responding to them with creativity rather than fear will be critical to preparing all learners for an uncertain future.

- **DEMOCRATIZED STARTUP**
  Transformative investment strategies and open access to research knowledge, expertise, and resources will fuel an explosion of entrepreneurial innovation.

- **HIGH-FIDELITY LIVING**
  An increasing number of people will pursue capabilities, cognitive assistants, and commercial feedback systems to help them navigate their interactions with the world.

- **DE-INSTITUTIONALIZED PRODUCTION**
  Activity of all sorts will increasingly be independent of formal institutions or contributions from schools, universities, and organizations.

- **CUSTOMIZABLE VALUE WEBS**
  Innovative open business models will leverage complex networks of assets and relationships to create customer-centric experiences across industries.

- **SHAREABLE CITIES**
  Smart cities with human-centric design, urban infrastructure, and networked services will drive social innovation and urban environments.

Read article: [http://knowledgeworks.org/sites/default/files/Forecast3_0_0.pdf](http://knowledgeworks.org/sites/default/files/Forecast3_0_0.pdf)

Digital Tools as a way to integrate an Entire Learning Ecosystem

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Future-Gazing: What Learning Ecosystems Might Look Like By 2025

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An Engaged and Engaging Mobile Learning Ecosystem

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Savvy Spaces and Learning Ninjas! Designing an Adaptive Learning Ecosystem

The changing e-learning ecosystem and its future

"Stiff" interactions

Human interactions

Knowledge Base

Policy imperatives for creating pathways for digital learning in schools


The Digital Ecosystem Paradox – Learning to Move to Better Digital Design Outcomes

Generative value effects of digitization

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The Six Tech Advances In Higher Ed That Are Preparing Students For The Future Of Work

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Amazon eyes up education, plans a free platform for learning materials

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How to Keep the Human Element in Online Classes


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No More Pencils, No More Books

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Blending Learning with Social Technology Components


The Decade Ahead in Higher EdTech

Read article: http://www.masmithers.com/2010/01/the-decade-ahead-in-higher-edtech/
Cultivating Interconnections for Vibrant and Equitable Learning Ecosystems

Learning Ecosystem = A network of relationships among learning agents, learners, resources, and assets in a specific social, economic, and geographic context.

Read article: http://www.knowledgeworks.org/sites/default/files/interconnections-equitable-learning-ecosystems.pdf

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Certifying Skills and Knowledge: Four Scenarios on the Future of Credentials

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The Future of Learning: Education in the Era of Partners in Code

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An Architecture for Web-based e-Learning Promoting Reusable Adaptive Educational e-Content


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