

# IT og innovative læringsmiljøer på universiteterne



Ministeriet for Videnskab  
Teknologi og Udvikling

## Program for konferencen den 19. august 2010

- 08.30 - 09.00** Ankomst og registrering.
- 09.00 - 09.15** Velkomst ved videnskabsminister Charlotte Sahl-Madsen.
- 09.15 - 09.50** *Open Scholarship and Learning:  
Thinking Strategically about Emerging Opportunities and Responsibilities*  
by Phillip Long, Ph.D. Professor of Innovation and Educational Technology, Founding Director of the Centre for Educational Innovation and Technology, University of Queensland, Australia and a Visiting Researcher at the Center for Educational Computing Initiatives at the Massachusetts Institute of Technology, US.  
  
The development of open access journals, open educational resources and proliferating digital content has changed scholarship from a search for scarce resources to filtering, assessing, and finding meaning in information abundance. The effort to develop, organise and produce explicit knowledge has similarly affected content created for learning. How does a university establish a culture of open scholarship and engage students in legitimate peripheral disciplinary participation? What are the institutional pre-requisites for the development of these characteristics? Narrowing the separation between scholarship as research and scholarship in teaching and learning offers one way to bring two critical aspects of the university closer together. University education for 21st century problems must become a virtuous cycle, recognising when to switch from learning "to be" to "learning about".
- 09.50 - 10.20** **Pause**
- 10.20 - 11.00** *A Working Education Model for Cross-Disciplinary, Global Teamwork*  
by Dr. Renate Fruchter. Founding Director of Project Based Learning Laboratory (PBL Lab), Stanford University, US.  
  
*A model is as good as people use it. It is testable, scalable, and measurable. The cross-disciplinary global teamwork education model was developed and launched in 1993 by the PBL Lab at Stanford University. It aims to prepare the next generation of practitioners to know how to work across disciplines, time, space,*

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*and culture as they leverage advanced ICT to interact and co-create. Dr. Fruchter will discuss the roles the participants play as well as innovative places and spaces they interact. In closing Dr. Fruchter will share some of the lessons learned, benefits and challenges for learners, instructors and institutions.*

**11.00 - 11.30**

*ICT and Innovative Learning Environments in a national and European perspective*

*by Lone Dirckinck-Holmfeld, Ph.d. and Dean at The Faculty of Humanities, Aalborg University and founder of E-Learning Lab. Center for Userdriven Innovation, Learning and Design*

*For the education sector in general digital networks seem to offer novel ways to make learning universal, while also offering us the potential to share human knowledge in a manner that would previously have seemed utopian. When Ivan Illich wrote about de-schooling society, in the very early days of computing, he imagined being able to network expertise and interests in ways that then seemed technically difficult, using a mix of computer databases, mail and telephone (Illich 1970). The technological elements of Illich's learning webs are now available on any networked computer, yet educational practice has remained largely unchanged. How is it that digital technologies can infuse social life so fully and seem to offer such radical and simple solutions to educational problems but regularly turn out to be difficult to embed in day-to-day educational practice (Cuban 2001)? This presentation sets out to examine what we know about innovative learning in networked environments and to draw out some conceptual developments that may help us to bridge the gap between the potentials of digital networks and current educational practice.*

**11.30 - 12.00**

*Experiences with E-learning at LIFE*

*by Per Holten-Andersen, Ph.d. and Dean at The Faculty of Life Sciences, University of Copenhagen.*

*The presentation will go through the most important historical events relevant to e-learning at LIFE and give a status on the use of IT in teaching today. Furthermore, the results from the online courses at LIFE will be compared to the other courses within natural resource. The results cover grade point averages, completion, activity and satisfaction. The results show that online teaching receives just as good results as conventional teaching. The results are explained through the pedagogic design and through the organizational and strategic*

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context at LIFE. Holten-Andersen will explain how e-learning is an integrated part of the internationalisation at LIFE and possibilities and challenges regarding e-learning will be outlined. Lastly, future initiatives regarding e-learning at LIFE will be presented.

**12.00 - 13.00**

**Frokost**

**13.00 - 13.30**

*På vej mod selvorganiserede kommunikations- og læringsmiljøer*

ved Helle Mathiasen, Ph.d., Professor, og Christian Dalsgaard, Ph.d., Post doc.,  
Forskningscenter for IT og Læring, Aarhus Universitet

*Stadig flere digitale medier og netmedierede kommunikationsfora byder sig til.  
Hvad kan det betyde for tilgangen til begrebet undervisning?  
Forskellige typer af kommunikationsfora genererer forskellige præmisser for  
kommunikation. Hvilken betydning kan det have for læring? Med afsæt i en  
diskussion af forskellige kommunikationsfora udfoldes de studerendes muligheder  
for at arbejde i selvorganiserede kommunikations- og læringsmiljøer.*

**13.30 - 14.00**

**Pause**

**14.00 - 15.15**

*Udfordringer og fremtidige perspektiver i en dansk kontekst*

Paneldebat ved lektor Simon Heilesen, Roskilde Universitet, lektor Jørgen Bang,  
Aarhus Universitet, direktør for Knowledge Lab Niels Henrik Helms, Syddansk  
Universitet samt Ph.d. og direktør for CBS Learning Lab Hanne Leth-Andersen  
Copenhagen Business School.

*Ordstyrer: Helle Mathiasen, Ph.d., Professor, Forskningscenter for IT og Læring,  
Aarhus Universitet*

*Indlæggene i debatten vil lægge op til diskussion af fire forskellige dimensioner  
forbundet med introduktion og udbygning af it, innovation og læring på danske  
universiteter. Simon Heilesen vil fokusere på motivationen i miljøet og hos den  
enkelte forsker, Jørgen Bang vil se på de universitetspolitiske og -strategiske  
rammer i et national og internationalt perspektiv, Niels Henrik Helms vil tage  
udgangspunkt i den organisatoriske integration på universiteterne og  
Hanne Leth-Andersen vil anlægge et pædagogisk/didaktisk perspektiv.*

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**15.15 - 15.45**

*Samspillet mellem læring, teknologi og de fysiske rammer på universiteterne*

ved Tina Bering Keiding, Ph.d., lektor og Morten Misfeldt, Ph.d., lektor ved Institut for Didaktik, Danmarks Pædagogiske Universitetsskole, Aarhus Universitet.

*Oplægget stiller skarpt på nogle hovedtendenser for fremtidens universitetsbyggeri set ud fra et didaktisk synspunkt. Hvad er vigtigt for gode undervisnings- og læringsmiljøer? Hvorledes indretter vi vores bygninger således, at de kan tilgodese de krav om differentierede og fleksible undervisningsformer, som kendetegner et moderne universitet. Og hvorledes kan IT spille en rolle her i?*

**15.45 - 16.00**

Afrunding og på gensyn i morgen.