

Library 2020 and library as a space

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Aalto-yliopisto Kirjasto
Aalto-universitetet Biblioteket
Aalto University Library



Aalto University

Aalto University is a new multidisciplinary science and art community in the fields of science, economics, and art and design. The new university is founded on Finnish strengths, and its goal is to develop as a unique entity to become one of the world's top universities. The cornerstones of Aalto University are its strengths in education and research.

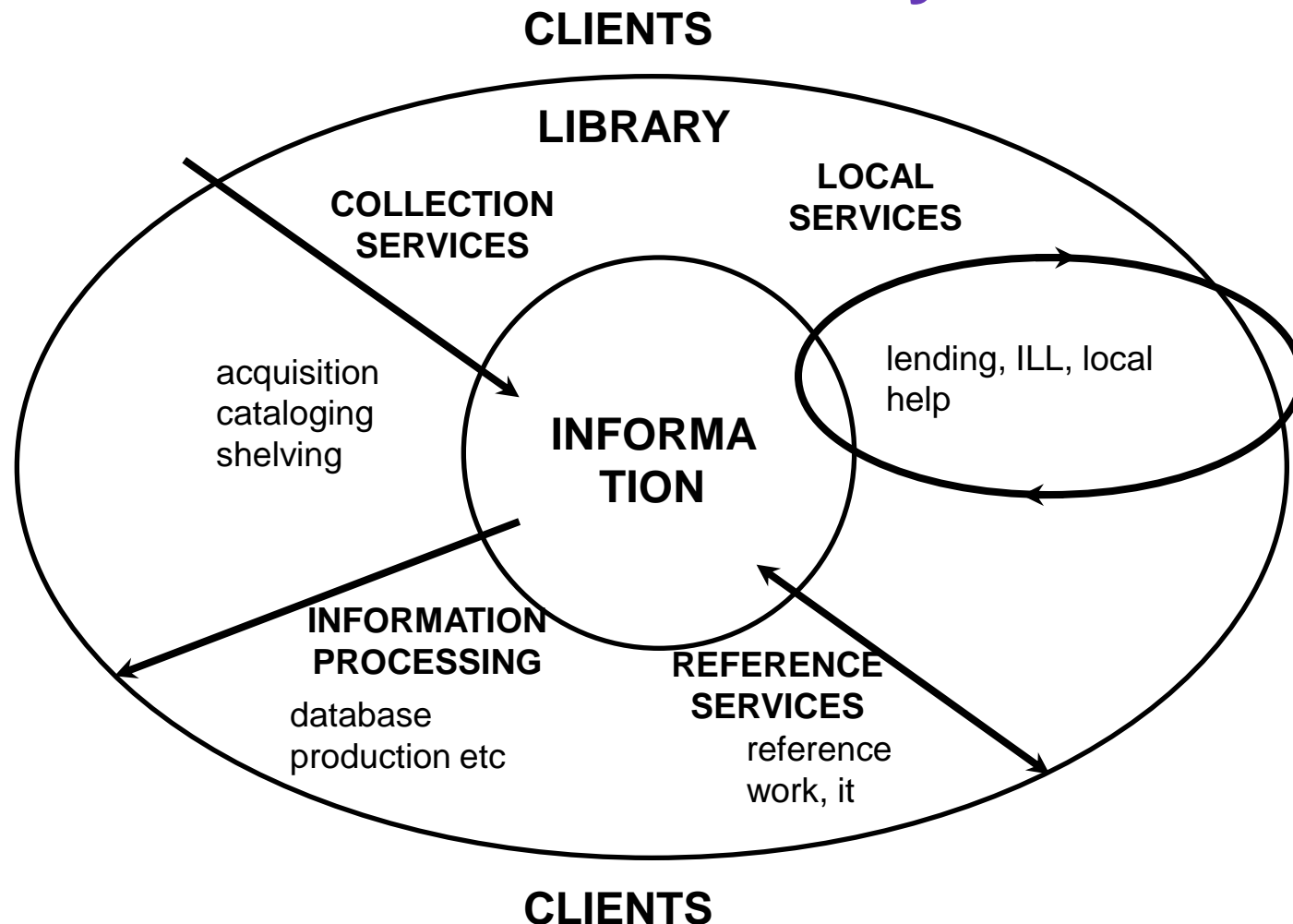
In the new university, there are 20 000 basic degree and graduate students as well as a staff of 4300 of which 300 are professors. The total budget for 2009 was close to € 368 million. In 2009, a total of 1 567 Master's Degrees and 180 Doctorates were completed in the three universities. The number of alumni totals 75 000.

Core duty of the libraries has been the same for thousands of years

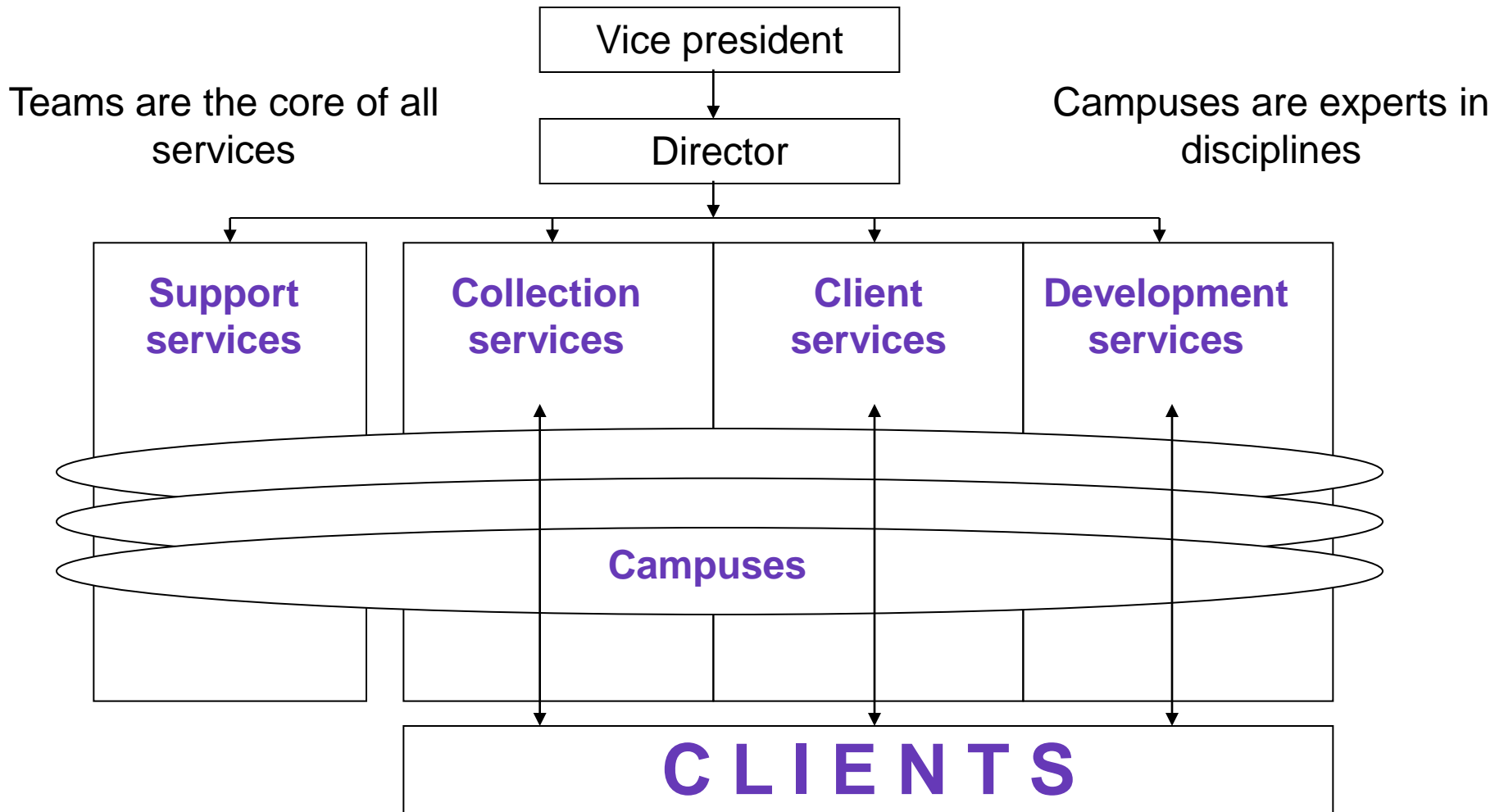
- Library
 - acquires material
 - catalogues
 - organizes material
 - lends
 - gives guidance
- Library helps the university, its staff and students to fulfill their job the best possible way.



Core functions of the library



Aalto University Library Organization



Changes

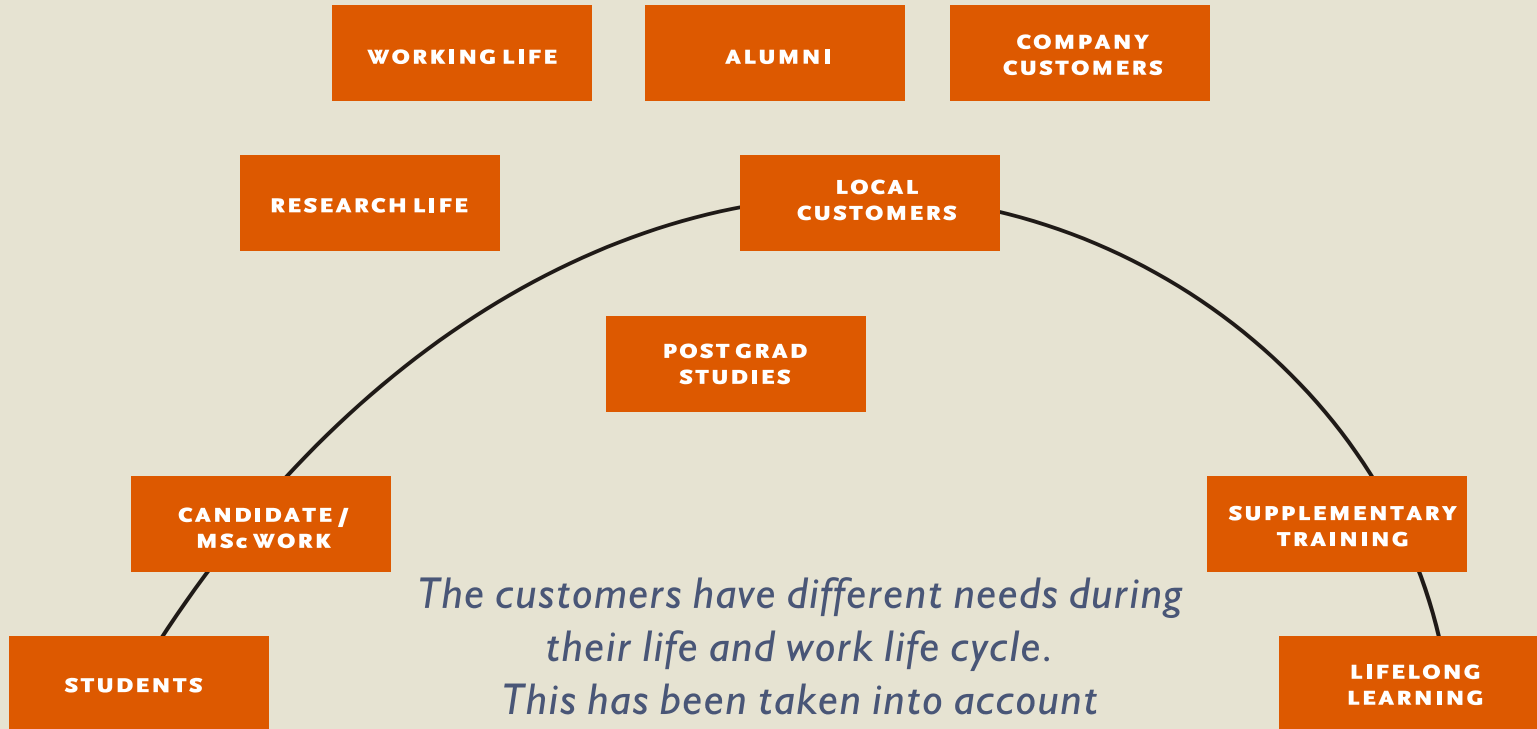
- just in case
- ownership
- card catalogues
- paper
- shelves
- users walk in
- one way of information
- just on time
- licences
- databases
- electronic
- network
- library walks out
- two-way information
- everything is measured with numbers

Ways to success

- Know your clients
- Service production
- Marketing
- Networking
- National and international co-operation
- Use the abilities of your staff
- Learning
- Develop new services
- Serve the society



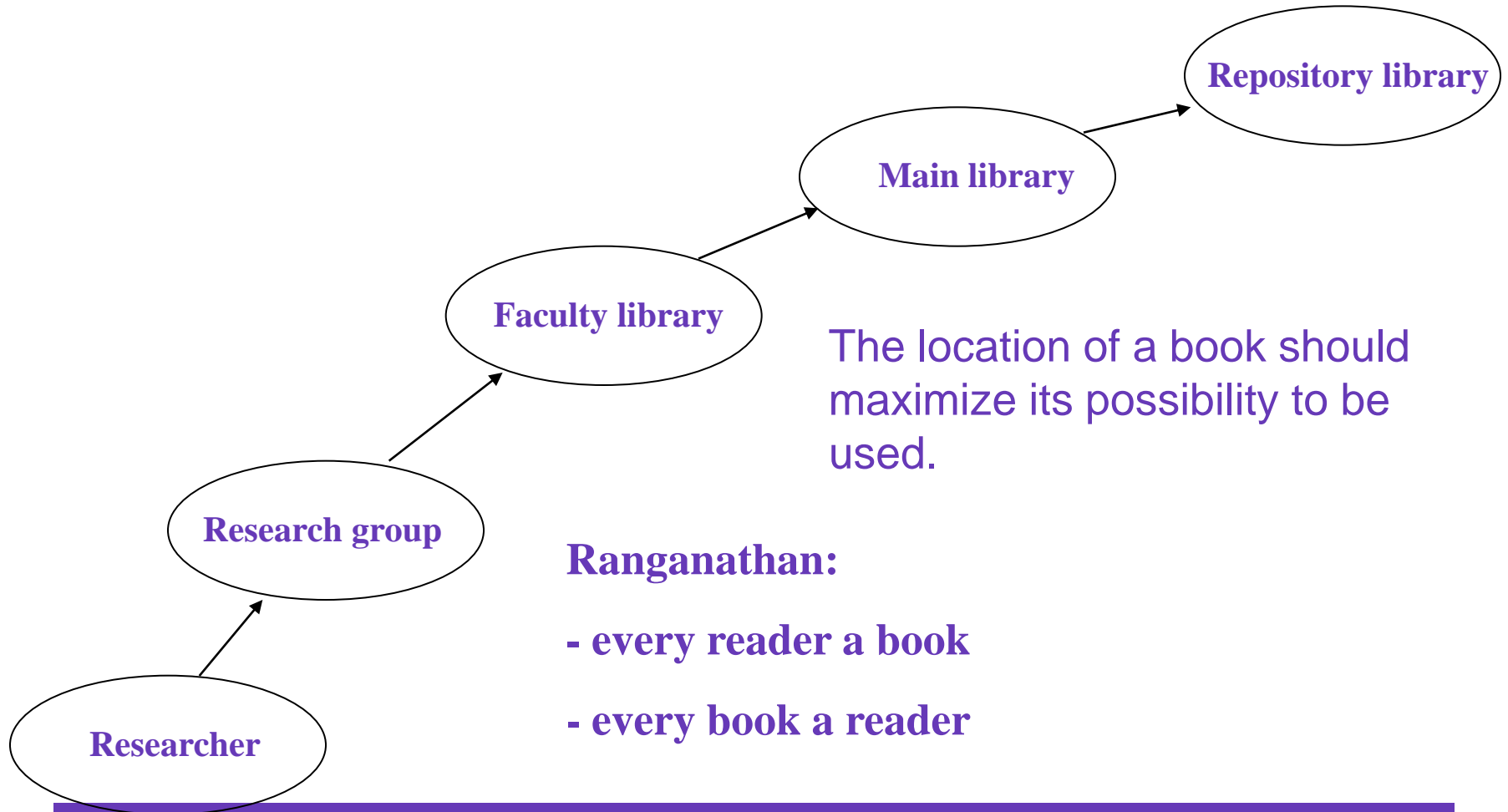
THE LIFE CYCLE OF CUSTOMER NEEDS



Typical client

- Post doc researcher at HIIT research centre
- Does multidisciplinary research on technology-society interaction
- International project, 14 research centres
- Project language english
- Always on the move: working at home, at airports, abroad etc.
- All communication electric: email, skype, messenger, video conferences
- Information is obtained from colleagues, top scientific journals, Google Scholar

Book life cycle, the long tail



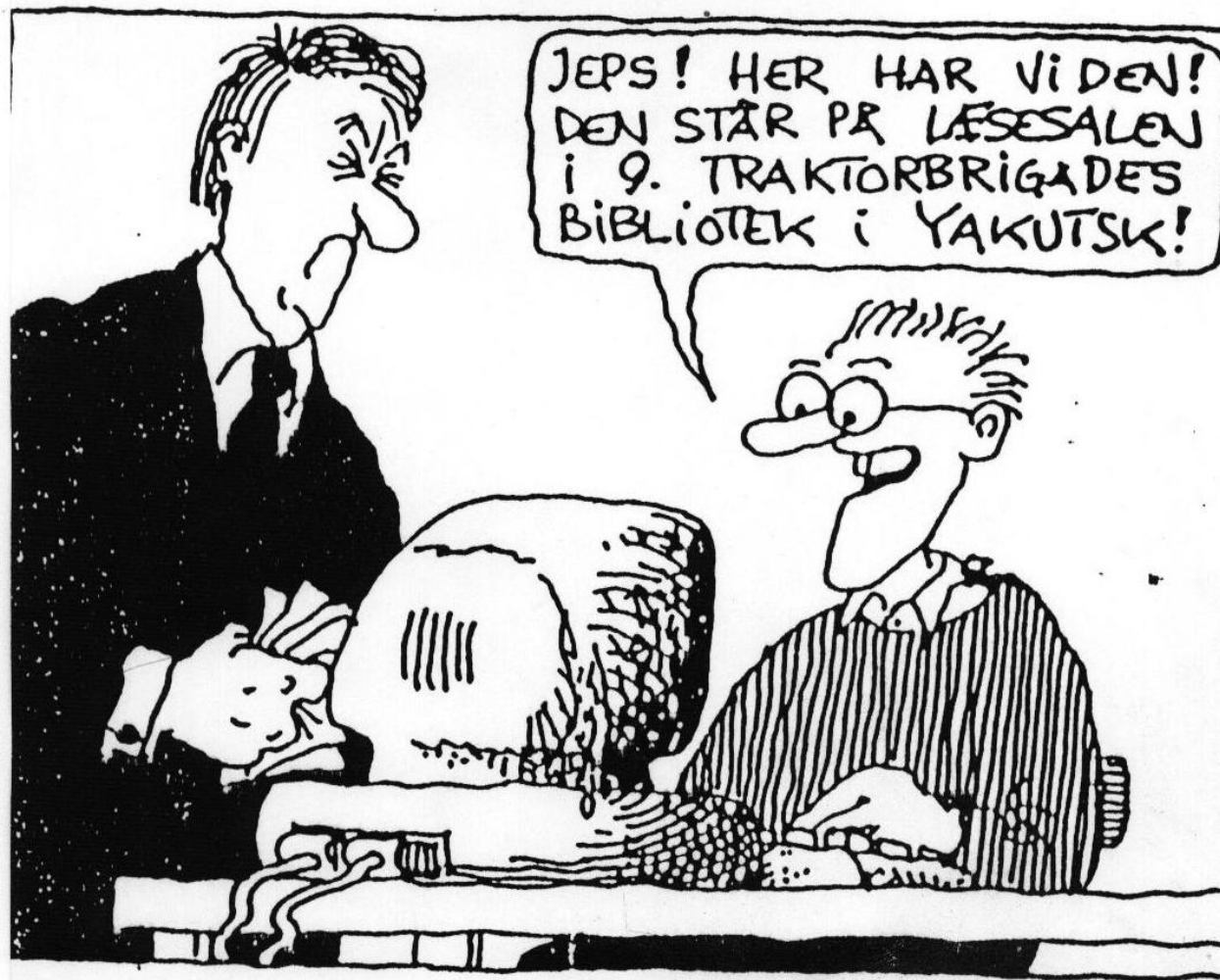
National library policy

- National library services (National library)
 - make information more accessible to society
 - generate added value for the library network as a whole
 - development of measures of the impact and results of library activity
- National digital library(KDK)



- National collection policy
 - library collections as a whole
 - may limit the ability to make local decisions

International co-operation



New possibilities

- Two-way dissemination of information
 - open access, repositories
 - publishing support
- Bibliometrics
 - CRIS
 - evaluations
 - top journal research
- Memory of the University
 - exhibitions, archival collections
- Learning environment
- Ubiquitous technology
- Social media, Google etc.



Publishing support

Aalto-yliopiston teknillisen korkeakoulun elektroniset väitöskirjat | Aalto University School of Science and Technology electronic dissertations - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://lib.tkk.fi/Diss/


Most Visited TKK HUT

Aalto-yliopiston teknillisen ko...

Kirjasto · Library | Elektroniset oppimäytteet · Electronic dissertations | Haku · Search

Objekti · Instructions

Elektroniset väitöskirjat
Electronic academic dissertations



Aalto-yliopiston teknillisen korkeakoulun elektroniset väitöskirjat

Aalto University School of Science and Technology electronic academic dissertations

Elektroniset väitöskirjat vuosittain

Electronic dissertations by year

- 2010
- 2009
- 2008
- 2007
- 2006
- 2005
- 2004
- 2003
- 2002
- 2001
- 2000
- 1990-99
- 1980-89
- 1970-79
- 1960-69
- 1911

Tietoja väitöstilaisuuksista

- [Tulevia väitöstilaisuuksia](#)
- [Väitelleet 2010](#)
- [Väitelleet 2009](#)
- [Väitelleet 2008](#)
- [Väitelleet 2007](#)
- [Väitelleet 2006](#)
- [Väitelleet 2005](#)
- [Väitelleet 2004](#)

Ajankohtaisia väitöksiä

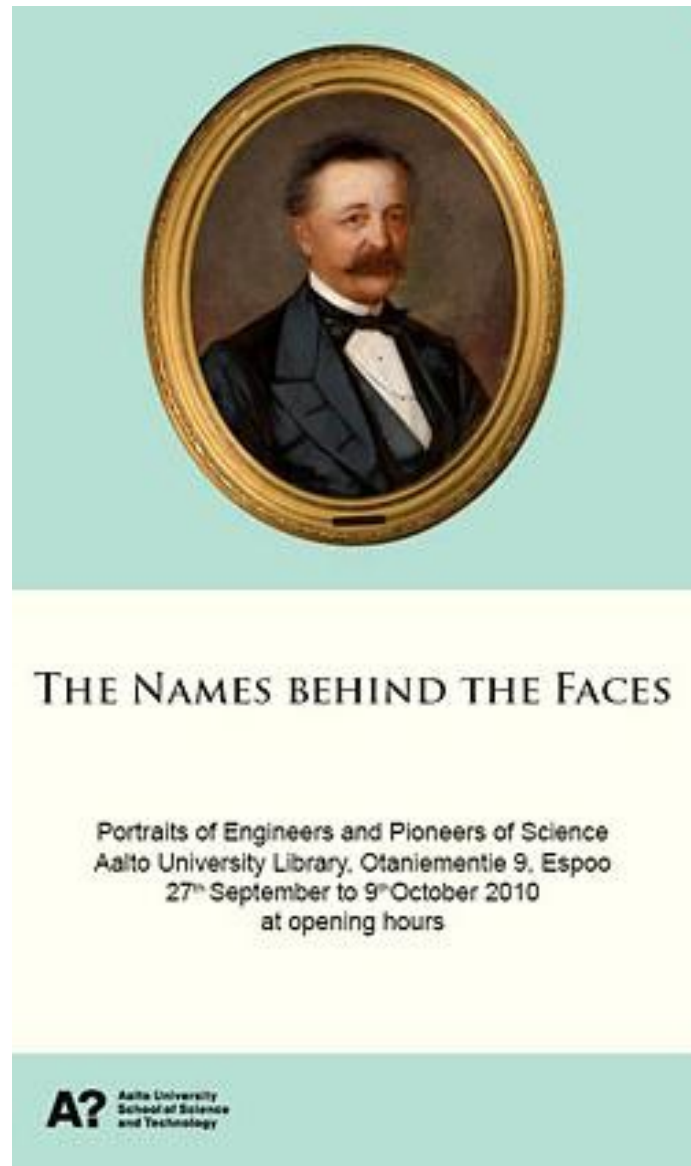
Current defences

- Kataryna Anna Fonteyn (20.8.2010):
[Energy-Based Magneto-Mechanical Model for Electrical Steel Sheets](#)
- Minna Lappalainen (20.8.2010):
[Melting Behaviour and Quantification of Low Amorphous Levels in Sugars and Sugar Alcohols with DSC Techniques](#)
- Eero Tolo (20.8.2010):
[Nanostructures in the Quantum Hall Regime](#)
- Marko Keskinen (3.9.2010):
[Bringing Back the Common Sense? Integrated Approaches in Water Management Lessons Learnt from the Mekong](#)
- Tapio Keränen (10.9.2010):
[Change in Organization – Emerging Situations, Character and Praxis](#)
- Aatos Kärkkäinen (14.9.2010):
[Gas-Free Filling of Heating and Cooling Systems and Balancing of Radiator Systems](#) (in Swedish)
- Ranran Lin (17.9.2010):
[Electromagnetic and Mechanical Finite Element Analysis of End Region of Large-Sized Three-Phase Squirrel-Cage Induction Machines](#)
- Iiro Pulkkinen (17.9.2010):
[From Eucalypt Fiber Distributions to Technical Properties of Paper](#)
- Juha Toivanen (24.9.2010):
[Measurement Methods for Mobile Terminal Antenna Performance](#)
- Matti Paavola (1.10.2010):
[Integrated Reference Circuits for Low-Power Capacitive Sensor Interfaces](#)
- Ehsan Azmoudeh (8.10.2010):

Done

Start kirjasto - Microsoft ... Aalto-sarjat, esitys ... Fwd: Re: teksti tar... Aalto-yliopiston ... Ari_100926_Proffa... Adobe Reader - [a... JFLA 2010 present... 13:10

Exhibitions



Learning environment

- Self check-out
- Circulating clerks
- Small, active print collection
- National repository library
- Electronic collections
- Space for learning and leisure
- "Hamburger restaurant" model



Library as a space

- Cosiness, home like (living room)
- Flexibility
- Spaces for talk and for silence
- Spaces for learning
- Meeting place
- Cafeteria
- Video conference facilities
- Computers; or is WiFi enough?
- Alumni room