MEDICAL PHYSICS AND BIOMEDICAL ENGINEERING
WORLD CONGRESS 2009
11th International Congress of the IUPESM
For the benefit of the Patient.
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EVICAB
An Open Source Portal for Internet Education

Jaakko Malmivuo, Asta Kybartaite and Juha Nousiainen
Tampere University of Technology, Tampere, Finland

EVICAB

http://www.evicab.eu

Idea of EVICAB

EVICAB

http://www.evicab.eu

EVICAB is a:
- high quality
- free access
BME Curriculum on the Internet

EVICAB is not a university.
EVICAB material may be used by universities.

RE ViCa
Reviewing (traces of) European Virtual Campuses

http://revica.europace.org

We are not alone!

Re Vi Ca lists e-learning providers
- more than 170 in Europe
- more than 300 in the rest of the world
- **altogether about 500**
- **in 156 countries**

To characterize EVICAB,
I give examples of two different Internet Education Portals

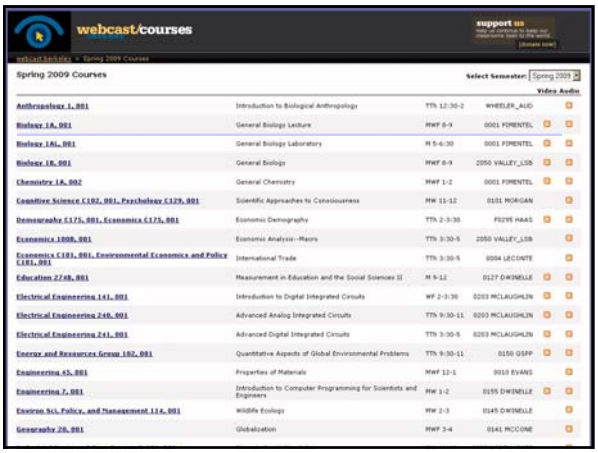
- University of Berkeley
- Yovisto

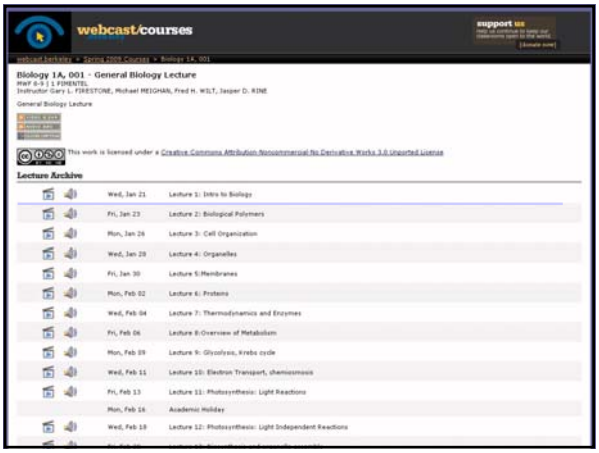
Berkeley
UNIVERSITY OF CALIFORNIA

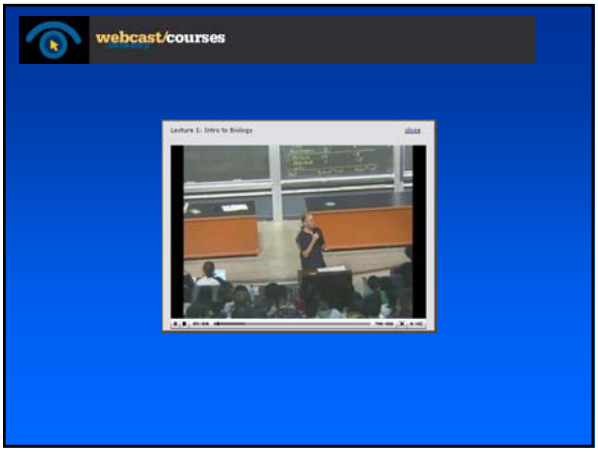
http://webcast.berkeley.edu/courses.php

University of Berkeley Webcast

- Large number of courses
- Arhicve (Webcast) and
  Real Time (Podcast)
- Web Camera shows the teacher
  in the classroom at the blackboard
- No supporting educational material
- Videos provided by the university
- Free access







yovisto
Academic video search

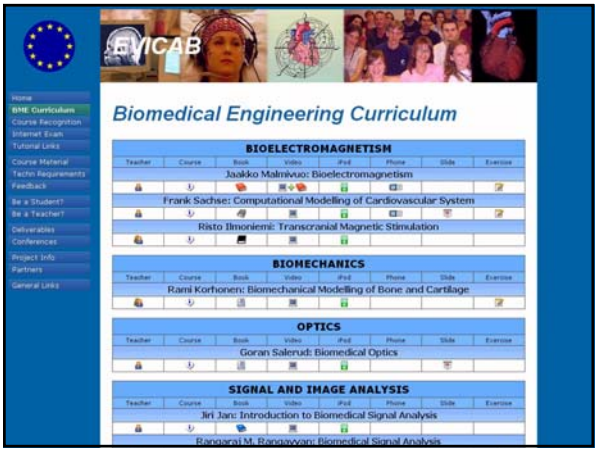
http://www.yovisto.com

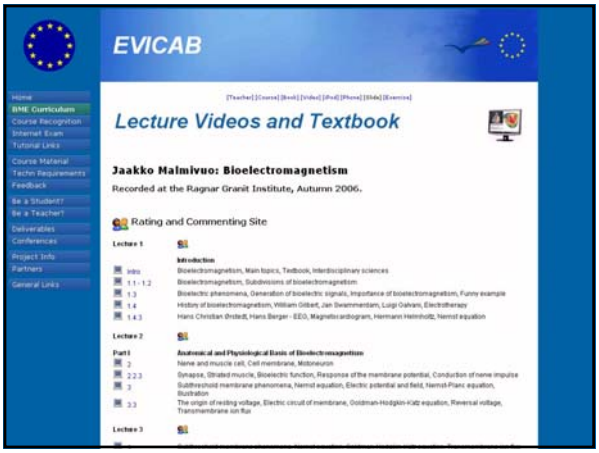
- Large number of speakers (> 1 000)
- Large number of videos (> 12 000)
- Arhicve (Webcast)
- Only video or slides
- No supporting educational material
- Free upload of videos
- High technology Portal
- Powerful search functions
- Free access

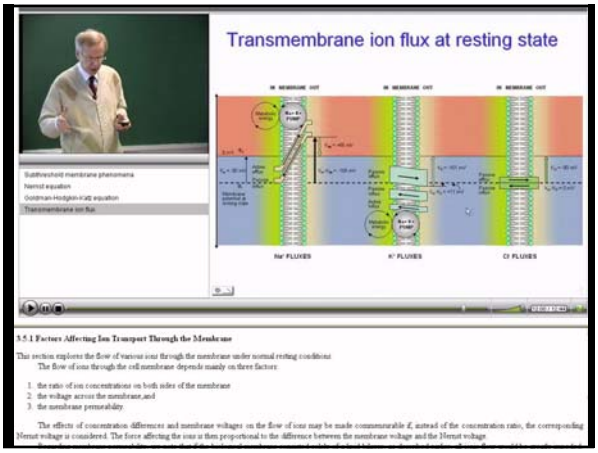
EVICAB

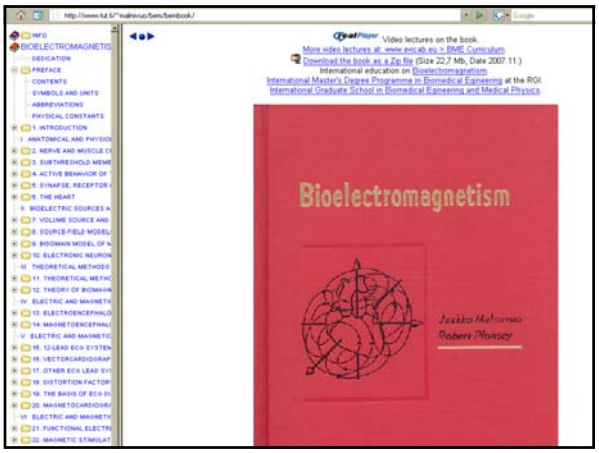
http://www.evicab.eu

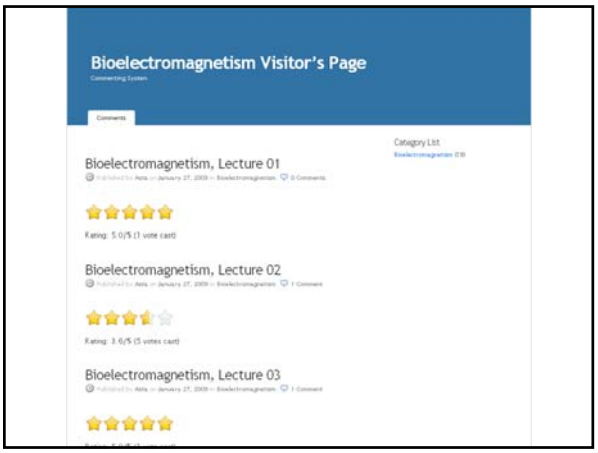
- Several courses (Curriculum)
- Only university recognized courses
- Videos uploaded by the operator
- Archive (Webcast)
- Open source technology portal
- PowerPoint slides ***and*** teacher video
- Viewed by PC, iPod, Media Phone etc.
- Rating and commenting
- All supporting educational material
- Internet Examination



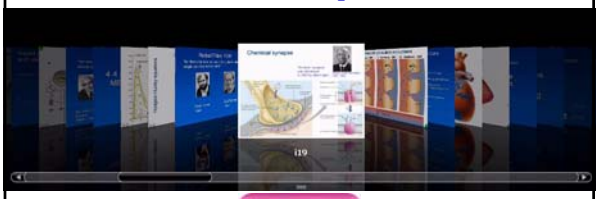








Video Files for iPod



iPod Nano: 4 or 8 Gb
m4w format
87x45 min = 1 Gb

Carl Zeiss Cinemizer

Video Files for Media Phones

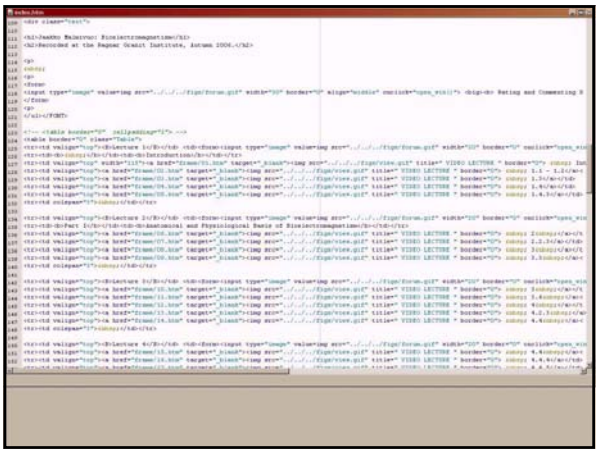
Media Phone
3gp format
87x45 min = 0.5 Gb

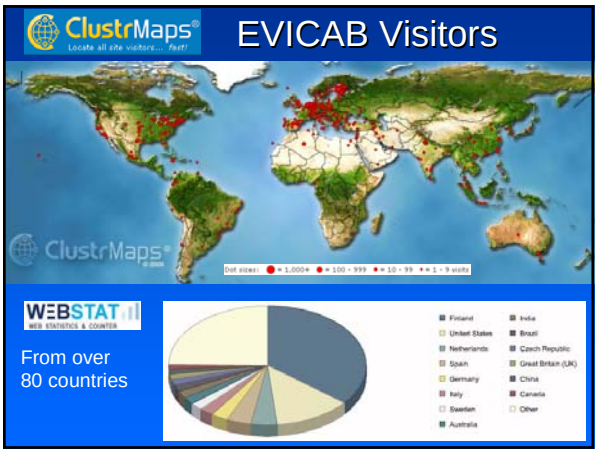
EVICAB

The EVICAB Portal is
Open Source and
may be copied for any application.

Production of Video Files
is described elsewhere

Asta Kybartaite:
Technology behind Video Lectures for Biomedical Engineering





EVICAB

The EVICAB project concentrates on creating the Virtual Campus on Biomedical Engineering

The EVICAB Portal may be applied to **all** disciplines. Because it is Open Source, anyone may copy it free of charge.

EVICAB

May be Applied to All Disciplines

Anatomy

Law

Biology

Politics

Cardiology

Psychology

Neurology

Social Sci

EVICAB

Build-up of the BME Curriculum

- EVICAB creates a platform for a BME curriculum on the Internet
- Universities may propose a course to EVICAB
- The Steering Group decides what courses are accepted to EVICAB
- EVICAB will get the courses free of charge
- The courses are updated and maintained by those universities which produced them

EVICAB

Why to give a free course to EVICAB?

- EVICAB will become the internationally recognized standard in Internet education
- If a course is accepted to EVICAB, that demonstrates the high quality of the education in that university
- It will attract international students and increase the reputation of that university/institute
- The international assessment and ranking of universities has come more popular and universities compete for their position on the lists
- EVICAB will offer in BME a platform to demonstrate the excellence

Thank you!