

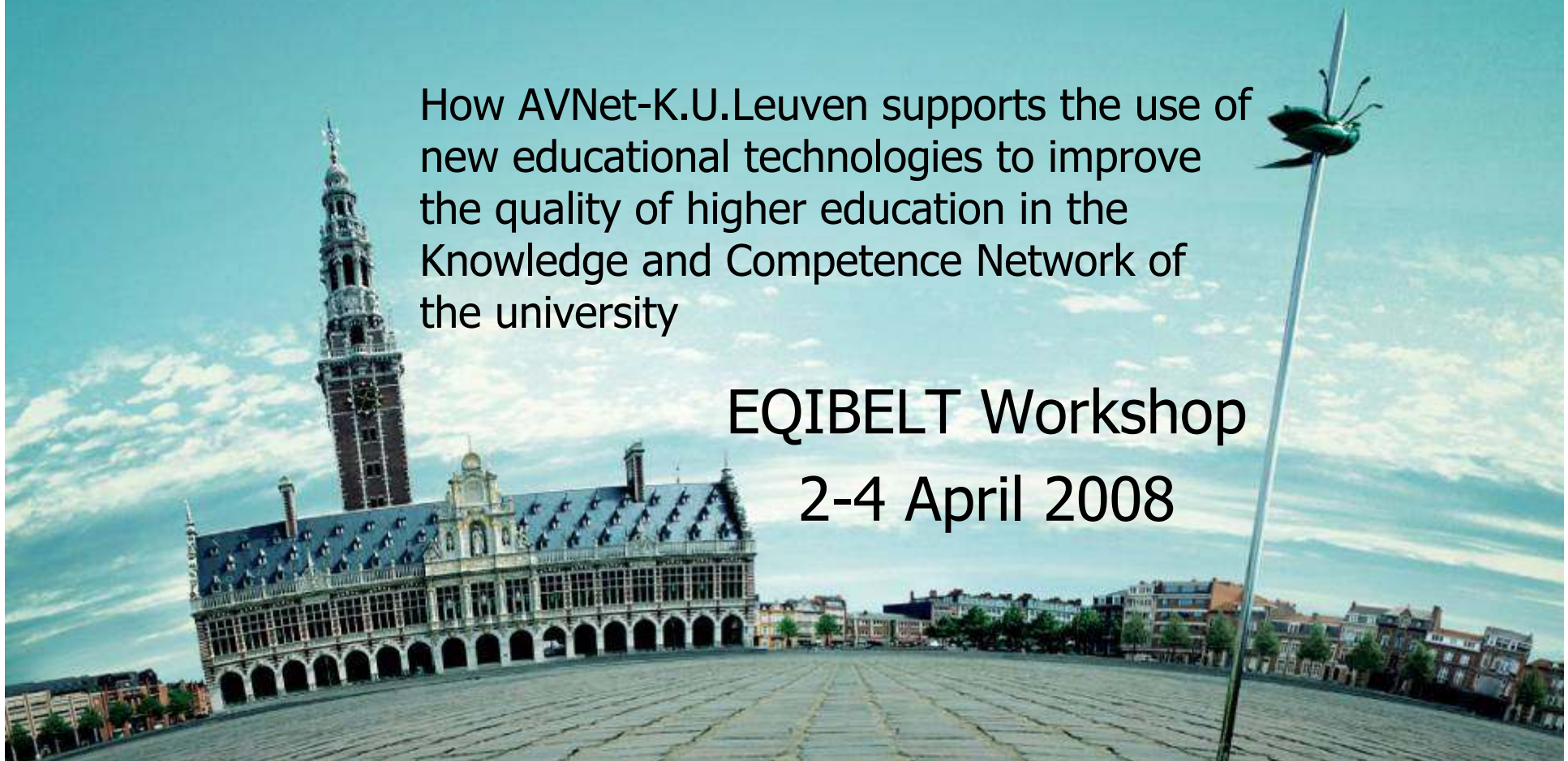


KATHOLIEKE UNIVERSITEIT
LEUVEN

From multimedia to multicampus education

How AVNet-K.U.Leuven supports the use of new educational technologies to improve the quality of higher education in the Knowledge and Competence Network of the university

EQIBELT Workshop
2-4 April 2008





K.U. Leuven



- Founded in 1425
- Teaching and research university:
 - > 30.000 students
(± 12% international students)
 - > 15.000 staff members
(4500 researchers: 1250 sr + 3250 jr)
- 3 groups, 14 faculties, >50 departments
- 30 libraries
- 5 hospitals





AVNet: our mission

Audiovisual New Educational Technologies:

- *We develop* **multimedia products and media systems**, and
- *We support* the good use of audiovisual new educational technologies for **multicampus education** and other communication processes in the Knowledge and Competence Network of the university



AVNet: two pillars

1

Development of
Multimedia and
Media systems

Production

Presentation

Compression/
Distribution

Expertise

2

Support of
Multicampus
Education

Operational

Conceptual

Expertise



① MM/MS > Production



Doctoral schools



Voorstelling van de opdrachten en programma's van de drie doctoraatscholen aan de KU Leuven (Arenberg Doctoral School for Science and Technology, Doctoral School for Biomedical Sciences en Doctoral School Humanities and Social Sciences) aan de hand van foto's en animatie. Deze film werd getoond op de officiële voorstelling van de doctoraatscholen op 10 mei 2007.

(Mevr. Klag Gijbers, Dienst: Onderzoekcoördinatie KU Leuven)

Formaat: Flash Video
Bestands grootte: 7,5 MB
Beeldgrootte: 400 * 300 px

[Ga naar portfolio overzicht](#)

- Text
- Sound
- Images
 - Moving
 - Animation
- Interaction



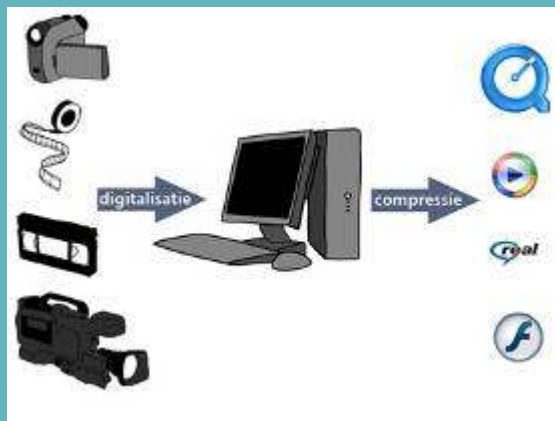
1 MM/MS > Presentation

- Media systems
 - Physical
 - Typology class rooms
 - Learning cells
 - AMX Touch panels
 - Virtual
 - Streaming video
 - (Edutube)





① MM/MS > Compression/Distribution





② Multicampus

3 groups at K.U.Leuven

1 satellite campus in Kortrijk

23 locations in the Association

17 Regional Hospitals

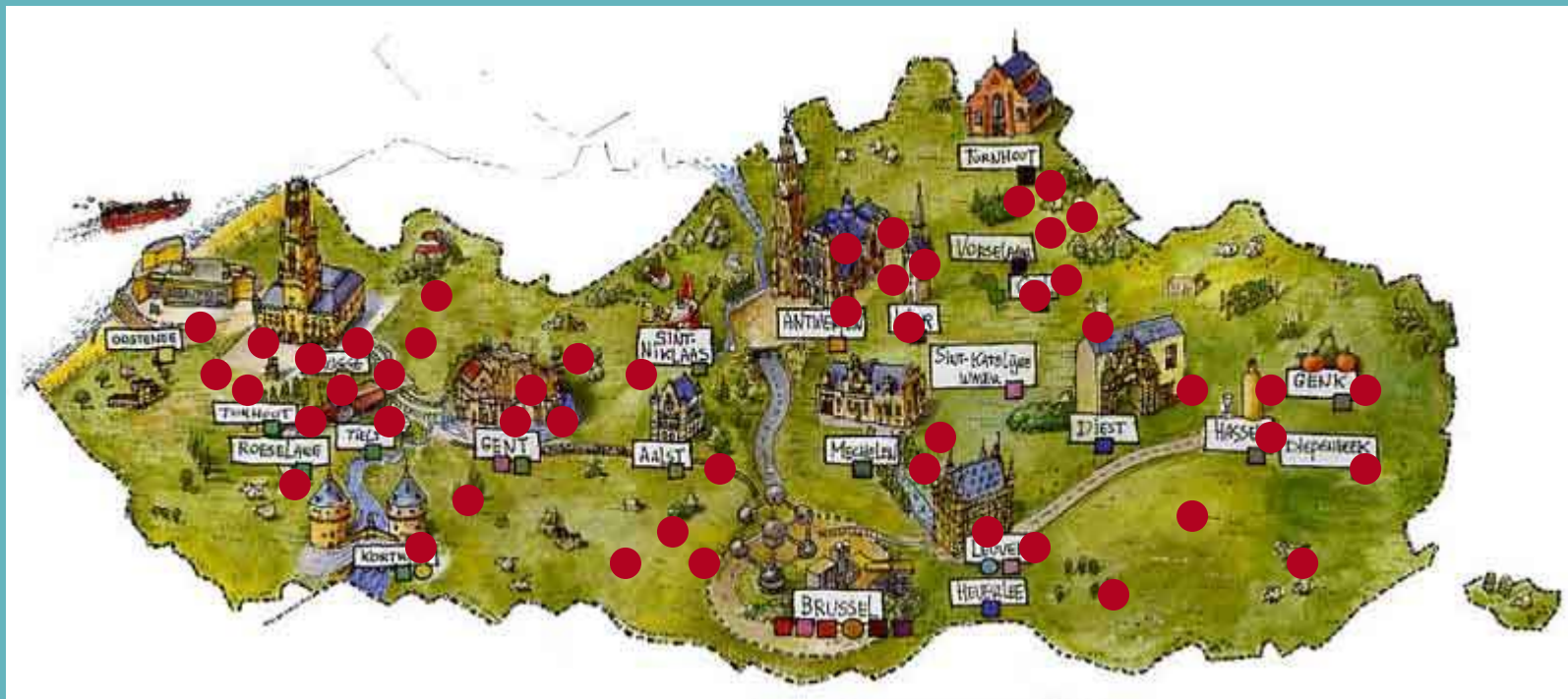
European partners & networks

Global partners (Nord-South)

Individual Students



② Multicampus





② Multicampus: modalities

Common Learning materials

Common Infrastructure

Common Learning activities

Common Course - Seminar

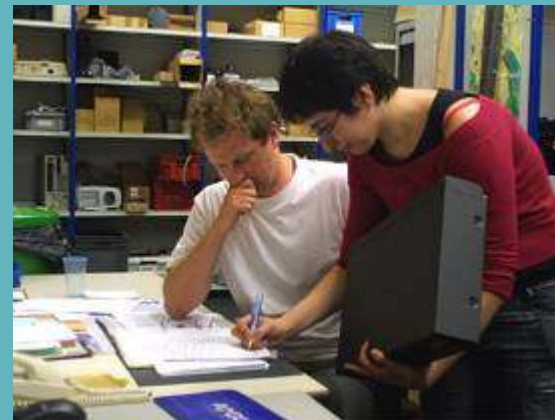
Common Program

Distance education

Support (before, during, after)



② MC > Operational



2/04/2008

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11



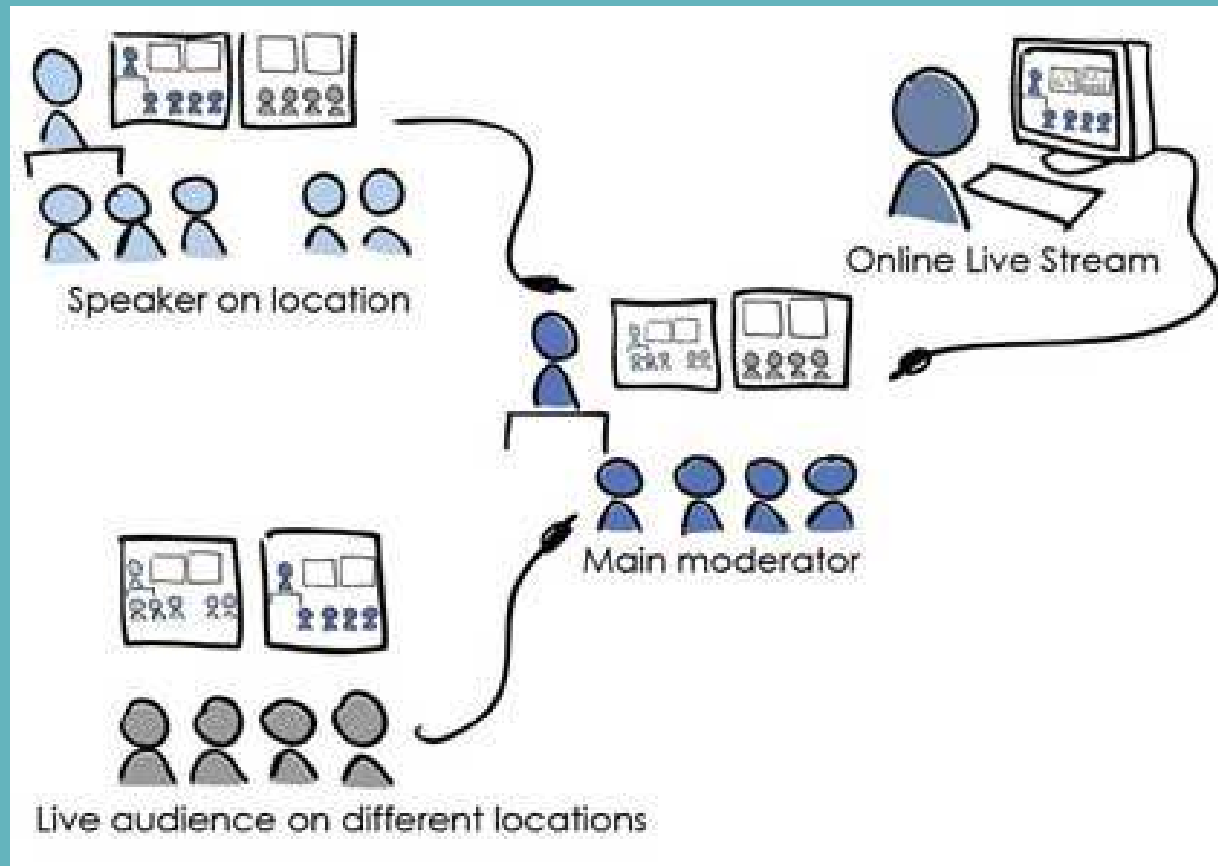
② MC > Operational

The screenshot displays a web browser window with a purple header and a navigation menu on the left. The main content area shows a presentation slide titled "Chapel Hill: Va" with bullet points: "Reuscelarterii = Granulomat takken, met van de a. ca gewoonlijk of geassocieert" and "Takayasu-art = Granulomate takken. Tree". A video player shows a man speaking. Below the slide is a list of names: Prof. Dr. S. Vanloerschaeren, Prof. Dr. P. De Haes, Prof. Dr. D. Knockaert, and Prof. Dr. D. Blokkmans. A "Terug naar overzicht" link is at the bottom.

Overlaid on the right is an Adobe Acrobat Connect Professional demo window. It shows a video conference with four participants. The interface includes a "Meeting" tab, a "Participants" list (Peter Ayco, Dan Patrick, Sonia Bonnet, Keith Lovell), a "Share" section, and a "Poll" section with a question "How do you plan to use Acrobat Connect Professional?". The poll options are: Sales & Marketing (0), Web Conferencing (0), Training (0), No Vote, and Broadcast Results.



② MC > Conceptual





② MC > Open University



De opleidingen

- Managementwetenschappen
- Cultuurwetenschappen
- Psychologie
- Nederlands recht
- Informatica
- Milieuwetenschappen
- Actief leren (enkel master)
- Master psychological research (ná master psychologie)
- Focusopleidingen (managementwetenschappen)

Open Universiteit Nederland

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[Studeren](#)
[Over de OU](#)
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 Ruud Lubbers bij duurzaamheidscongres bij Open Universiteit

Kies een cursus of opleiding

Zoek op vakgebied
 Zoek een cursus
 Zoek een opleiding



② MC > networking

The screenshot shows the EuroPACE website with a navigation menu and a mission statement. The mission statement reads: "EuroPACE is a European network association of universities, educational organisations and their networks. Our main objective is to foster reciprocal support, ...".



2/04/2008

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15



② MC > networking (2)



European Networking and
Learning for the Future.
The EuroPACE Approach.

ISBN 978-90-441-2256-5

To order copies, please contact:

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Fax +32 16 32 79 95

publication@europace.be

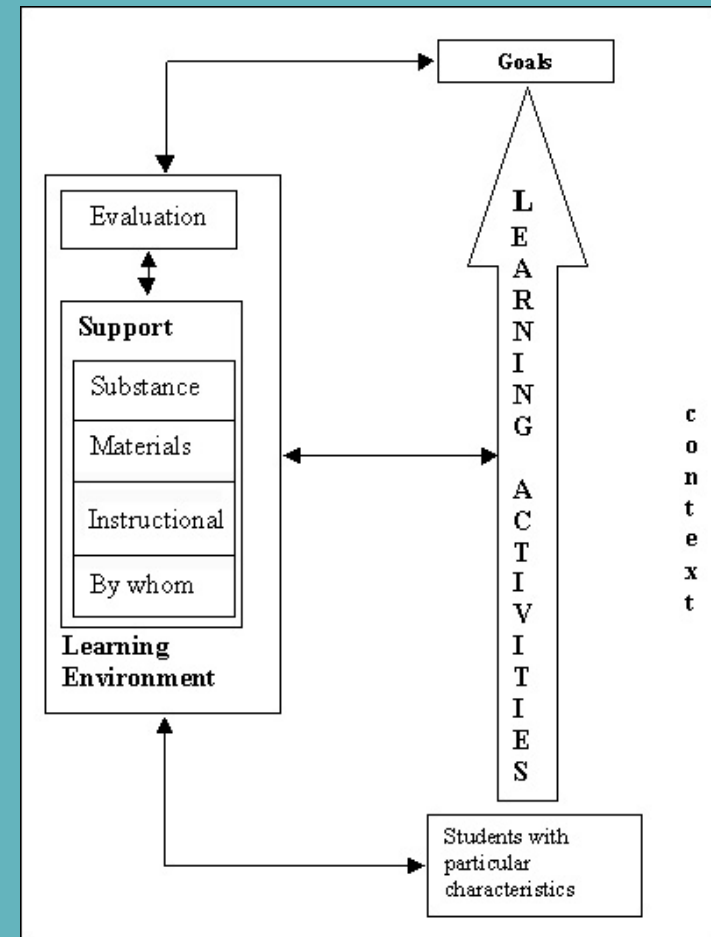
www.europace.org



Context: Guided Independent Learning

Responsibility of

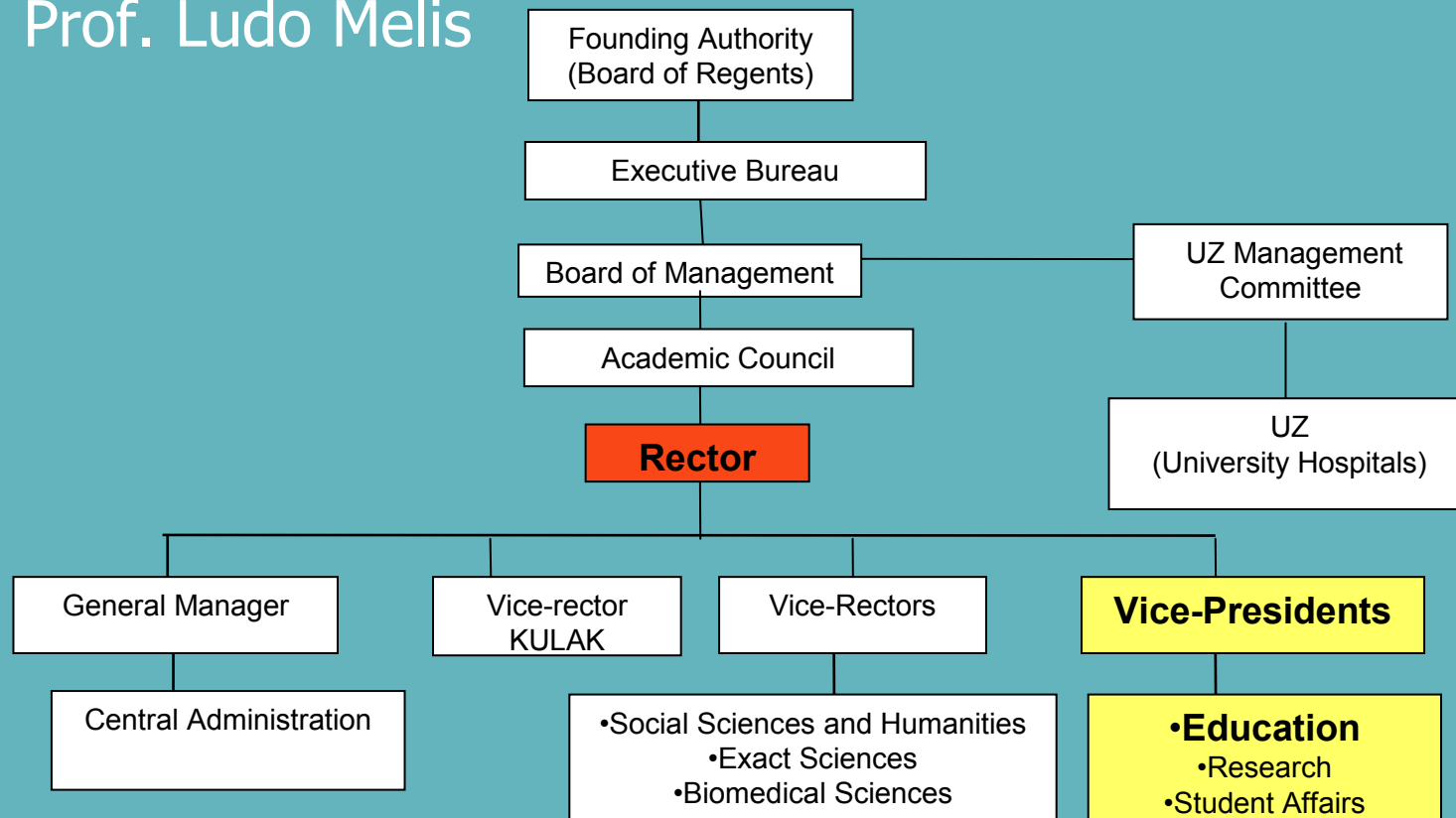
- Students:
The learning process
- Teachers:
Coaching the students' learning process
- Organisation:
Support students and teachers in the learning process





Our position @ K.U.Leuven

- Reporting to the Vice-president for education:
Prof. Ludo Melis



2/04/2008

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18



Our position @ K.U.Leuven (2)

- Linking with:
 - Other education support centres
 - ICTS
 - International Office
 - Technical Services
 - Communication Office
 - Faculties, teachers and students
 - Etc...



Our premises



2/04/2008

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20



Our infrastructure

- video and sound studio
- 6 video editing suites
- multi camera production facilities
- recording facilities (OpenNet, lectures)
- video- and webconferencing
- streaming media and podcasting
- documentation and information centre
- AV rental service
- social software: wiki, weblog, etc.





Our approach

- Multidisciplinary, with a view on:
 - Technology
 - Pedagogy and didactics
 - Organisation (business model)
 - Media
- Quality assurance:
 - Project based
 - Process based



For whom?

- For **personnel** at K.U.Leuven
 - Teachers, education teams, central services, AVNet team members
- For **students** at K.U.Leuven
 - Regular students, doctoral students, trainees, working students
- For the **Association** K.U.Leuven
 - Students, teaching staff, managers



Our three-tier support model

- 1. Do it yourself:** We stimulate teachers (students) to produce AV/MM or other e-learning projects on their own: focus on simple and cheap solutions.
- 2. We do it together:** We offer teachers (students) advice and facilities (for free) at AVNet to work on their own with professional tools and our infrastructure.
- 3. We do it for you:** We make it for you (not completely for free).



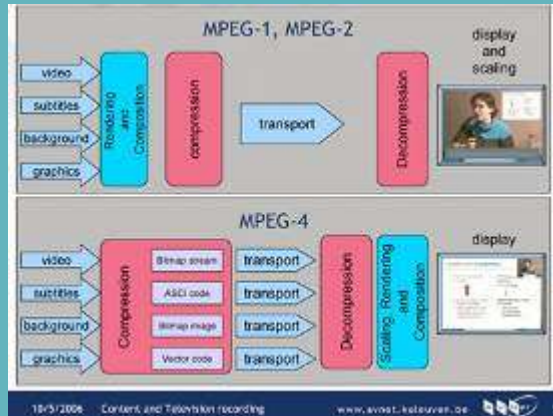
Our expertise

Through:

- Interactive MM production work
- Experiments and pilots with MM and NET
- Research, development and implementation projects
- Collaboration with other centres and departments
- Networking and representation
- Education and training
- Internships for students
- Knowledge sharing



① MM/MS > Expertise



2/04/2008

EQIBELT Workshop 2-4 April 2008

26



② MC > Expertise

REVE

Virtual Mobility Manual

How to teach Internationally from your own desk

Real Virtual Erasmus

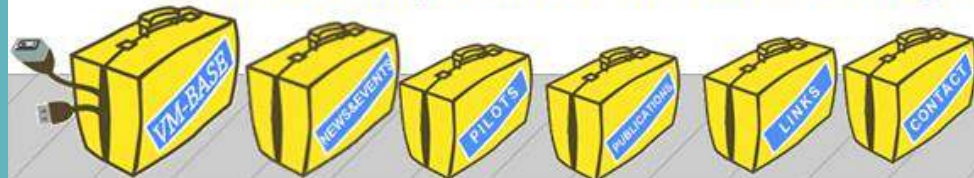


Collaborative assessment of oral language proficiency

Venus
Seminars



Virtual Mobility Before and After Student Exchanges





② MC > Expertise



web2.0





Our training offer

- Academic courses:
 - AV/MM in Toledo
 - Informatics and media
 - Video production
 - Multimedia Production Management
 - Webworkability
- Study counseling
Open University





Our training offer (2)

- On-line course:
 - www.avnet.kuleuven.be/toledo/en

The screenshot shows a web browser window displaying the online course 'The use of moving images and sound in Toledo'. The page is titled '2.2 Lighting' and discusses the importance of lighting in video production. It includes a section on '2.4.1 Various light sources' and '2.4.2 Adjusting white balance'. Three video thumbnails are shown, each with a caption: 'Daylight without adjusting white balance', 'Neon light without adjusting white balance', and 'Artificial light without adjusting white balance'. The page also features a navigation menu on the left and a footer with icons for 'AWB', a camera, a sun, a lightbulb, a cloud, and a sun.



Our training offer (3)

- Hands-on Training:
 - AV/MM in Toledo
 - Use of editing suites
 - Use of the video and sound studio
 - Use of AV/MM equipment in lecture halls
 - Development of audiovisual learning materials
 - Videoconferencing
 - Mediatraining





Our training offer (4)

- Seminars

- VENUS (Virtual and E-mobility for Networking Universities in Society):

<http://www.venus-project.net/>

- SPUTNIC (Seminars Promoting the Use of Technologies for Networking and International Collaboration):

<http://sputnic.europace.org/welcome.php>

- Internships

- For Flemish and international students with different backgrounds



Our representation

- Within K.U.Leuven
 - ICTO, ICTS, Architecture cells, Network commission, Permanent Working group OI-projects
- Within Association
- In Flanders
 - Ministerial Steering Committee Open Higher Education
 - Vllir Expert group ICT/OLL
- International
 - EuroPACE, EUNITE, NAP (EDEN), IAMS, ICEM, SEFI, CAWO



Our resources: human capital

- +35 team members (with contract)
+ pool of working students, trainees, freelancers



2/04/2008

EQIBELT Workshop 2-4 April 2008

34



Our resources: human capital (2)

- Multidisciplinary
- Diversity (gender, background)
- New processes (change management):
 - New organigram
 - Function design (Hay)
- Own training and competence development
- Team building



Our resources: finances

- central financing (operations + infrastructure)
- partial financing by commissioners
 - 100% out-of-pocket cost +
 - 50% of personnel cost and infrastructure
- project finances
 - Flemish government
 - European Commission



Our core values

- **Service orientation:**
 - your problem is our problem and we solve it together
- **Excellence:**
 - highest professional quality possible within preset boundaries
- **Responsibility:**
 - for all what we do and what we have
- **Respect:**
 - for all individuals, their work and their competences
- **Openness:**
 - broad view and susceptible for innovative stimuli
- **Sustainability:**
 - effective and efficient use of resources (time, money, people, space, infrastructure, and power)



Contact

More information?

- Link: <http://www.avnet.kuleuven.be/en/>
- Mail: info@avnet.kuleuven.be
- Call: +32-16-32.82.00
- Fax: +32-16-32.82.70
- Visit: Kapeldreef 62, 3001 Heverlee