

E-learning

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E-Learning

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21st International Congress of the UIHJ

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Content

- Welcome to the virtual classroom
 - *Huub Spoormans*
- Concept and practice of the virtual class
 - *By Kathleen Schlusmans*
- Audiovisual communication at a distance
 - *Steven Verjans*



Welcome

- Virtual class: like any class?
- Who are my students?
- What and how do I teach?
 - Lecturing, answering questions, discussion



The classroom

- Participants
- Chat
- White board
- Recording



Students

- Age: 25 – 46 years old
- Most of them work or have other obligations
- Learning must fit in



What and how

- Instruction and lecturing
- Responding to questions of students
- Discussion



Concept and practice of the virtual classroom

Kathleen Schlusmans

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Tutoring at the Open Universiteit

- Email and newsgroups
- Tutorial meeting in study centres
- Small groups in 22 study centres
- No tutorials for students abroad
- As students have to travel, sessions are long and far apart



Virtual classroom

- No more travelling
- Larger groups of students from all over the country
- More frequent but shorter sessions
- Students can also organize their own sessions



Statistics

Year	Number of sessions	Number of recordings	Number of views
2010	992	460	6608
2011	1137	568	8263



Research – Student perspective

- Efficient alternative for face-to-face teaching
- Student report that they feel involved and get more opportunity to actively participate
- Students like the recordings of the sessions
- 1/3 prefers virtual classroom to f2f sessions



Research: tutors perspective

- Tutors like the efficiency
- Once they master the techniques, they like the experience
- Tutors who started working with the virtual classroom, do not go back



Lessons learnt

- It takes time for tutors and students to get to know the virtual classroom.
- Organize training sessions and support
- It is important for policy makers to advocate the benefits of the virtual classroom and to translate them into policies



Audiovisual communication at a distance

Steven Verjans

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What equipment do you need?

- Computer (desktop / laptop / tablet / smartphone)
- Internet connection
 - Audio only vs. (limited bandwidth)
 - Audio & video (large bandwidth)
- Good audio equipment
 - Group vs. individual
- Webcam



Different settings

- One-to-one conversation
 - Telephone / Skype / Webconference
- One-to-one-to-one-to-one-to-one-to-one...
 - Telephone conference / Skype (audio only)
 - Webconference (such as the one we're using)
 - Connecting individuals at different locations





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Different settings (2)

- Group-to-one-to-one-to-one-to-one
 - Webconference (audio issues)
 - Videoconference
- Group-to-group-(to-group-to-group)
+(individuals)
 - Videoconference





Different learning scenarios

- Virtual office hours (1 expert – individuals)
- Lecture (1 expert – many participants)
- Seminar (1 moderator – some contributors - many participants)
- Symposium (2/3 experts - many participants)
- Conference (many contributors)



Examples

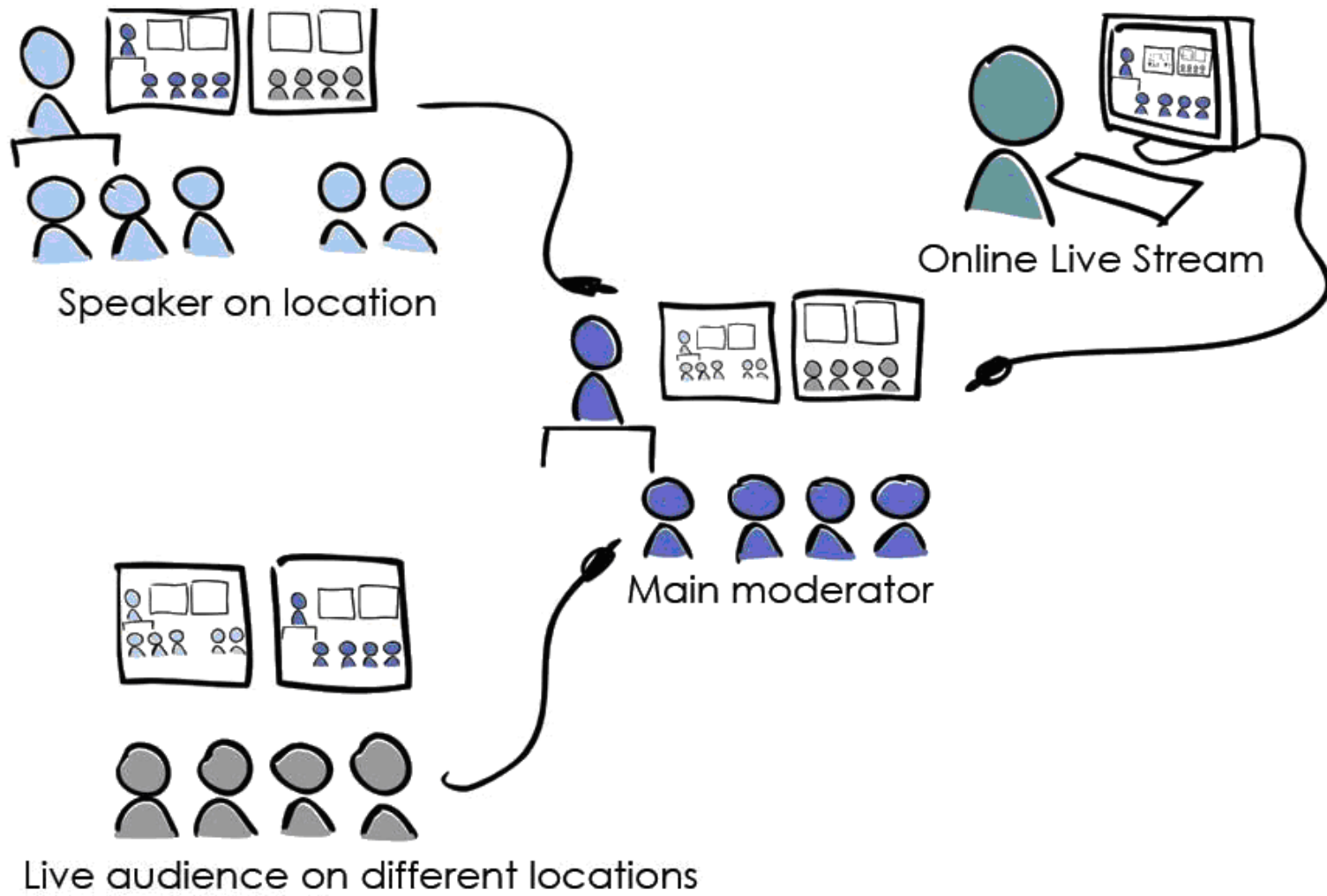
- OU course on e-learning
 - Students present assignment to fellow students and teacher
 - Final 30 minutes: virtual office hours
- Open online course: <http://change.mooc.ca/>
 - Weekly lecture midweek & seminar end of week



Examples (2)

- Venus seminars
 - Videoconference & livestream
 - One European expert
 - Multiple participating sites
 - <http://www.venus-seminars.net/>





Q & A

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