

## **Course C39**

### **Advanced Data Collection Tools for HCI Research and Usability Testing**

2 units

#### *Instructors:*

Lucas P.J.J. Noldus and Tobias Heffelaar, Noldus Information Technology BV, Wageningen, The Netherlands

#### *Benefits:*

This course offers participants an intensive half-day course in video technology, software tools and integrated solutions for field and lab studies. After this course you will be up to date with the latest proven techniques, tools and best practices for data collection in HCI research or usability testing. If your next project is a field study, a focus group or a usability lab test, attend this course to learn how to select the right tool for the job and how to put it to optimal use.

#### *Origins:*

Previously taught at CHI 2004, CHI 2005, MobileHCI'05 and CHI 2006.

#### *Features:*

- Digital video recording and screen capture, storage and retrieval
- Designing a usability lab
- Observational data collection
- Eye tracking
- Physiological data acquisition
- Multimodal measurements

#### *Intended Audience:*

HCI researchers and usability practitioners (usability engineers, UI designers, usability testers) working in academia or industry.

#### *Presentation Style:*

Classroom lectures, group exercises and hands-on training.

#### *Instructors' backgrounds:*

Lucas Noldus is founder and director of Noldus Information Technology, a developer of software tools and integrated solutions for HCI research and usability testing. Lucas Noldus received a Ph.D. in behavioral biology from Wageningen University. He has more than 16 years of experience in tools development and training users. He has authored numerous peer-reviewed papers and conference presentations about methods and techniques in behavioral research.

Tobias Heffelaar received a M.Sc. in social science information technology from the University of Groningen. Since 1998 he has been working for Noldus Information Technology as a usability engineer, trainer and consultant. He has extensive experience in

setting up software and hardware tools for HCI research and usability testing and training users.

Website:

[www.noldus.com/chi2007/course](http://www.noldus.com/chi2007/course)