Join Radboud Summer School 2019!

Human-Computer Interaction Studies: Methods and Application
Researchers have always used newly developed technology to improve their own methodologies. Recently, with the commercialization of Virtual Reality and Chatbots, more and more research groups are replacing confederates and human partners with digital ones. This course will provide an introduction to this emerging technology. We will cover different types of digital agents, such as avatars, robots, and chatbots, including their application in different fields. What are the pros and cons for each option and how can you best implement it for your own research? What things should you keep in mind when designing, and how do you know that introducing a digital partner is the best option for your experiment?

In the second half of the course, we will shift focus from looking at replacing a human with a digital agent, to how people interact with machines in general. Not all our interactions are similar to when we interact with another living human. Being aware of these differences, understanding them, and highlighting the questions that still need to be answered, are important factors to know when working with digital agents.

This course is part theoretical, where we discuss the history and different methods of application of human-computer interaction, part practical, where we delve into the how-to’s of each digital partner, and part philosophical, as we discuss the place of digital agents in science. The aim is to arm the researcher with the knowledge to go out and use this method in their own work.

After this course you are able to
• Understand how computers are used as digital partners in experiments
• Design and execute (where possible) your own basic digital agent
• Understand the differences between human-computer interaction and human-human interaction
• Be aware about the gaps in this rapidly evolving field

Number of EC
2 ECTS credits

Course leader
Evelien Heyselaar, Post-doctoraal researcher, Behavioural Sciences Institute, Radboud University
Entry level
Master, PhD and Postdoc

This course is designed for
Everyone who has an interest in conducting human-computer experiments with little to no background in the history of computers and AI, and wants to have a solid background before or while designing their own human-computer experiment

You can find more details about this course on our website

Course date
Monday 1 July - Friday 5 July 2019

Course fee
€ 550

Deadline application
1 May 2019

Discounts
- 10% discount for early bird applicants. The early bird deadline is 1 March 2019.
- 15% discount for students and PhD candidates from partner universities. Please note that these discounts can be combined if you apply before 1 March 2019.

Apply now!
What is the RSS experience?

RSS is more than just a course!

Radboud Summer School offers you a unique opportunity to meet other students and researchers from all over the world with different cultural and academic backgrounds. You will also get to know Radboud University and the city of Nijmegen. Our social programme includes a welcome reception, guest lecture and farewell drinks. And for a small fee you can join our BBQ, River Cruise on a pancake boat, a Pub Quiz, Sports Activities or a City Game.

Want to know more?
Have a look at what participants have said about their experience on our website!

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