

Master course (grp. 3): Design of Interactive Experiences (DIEX)

Om kurset

uddannelse Computer Science
Undervisningssprog English
Kursus starter 01-11-2013
Kursus slutter 18-12-2013

ECTS 7.5

- Indhold
- Architecture and essential algorithms for creating installations
 - A design language for scripting structure and content of experiences
 - The design process: creation of narratives and transmission of knowledge by interactive experiences.
 - New forms of interaction arising from newly available technology.

The use of physical interaction is becoming widespread in computer applications due to the availability of cheap programmable sensors and ever faster, smaller processors. Body movements, hand gestures and even facial expressions among other things can be tracked in real time. The goal of the course is to explore the use of these new technologies in designing installations for various purposes such as story-telling, entertainment or art. The course will be based in the Experience Cylinder in the Experience Lab at CBIT (<http://expericelab.ruc.dk/>) which is an open platform allowing display on a large 360 degree circular screen, and interaction via body and gesture tracking.

Learning Outcomes - The student taking the course will

- mål
- be familiar with fundamental control structures and techniques for managing physical interaction
 - learn how to structure an experience using the available media, tracking devices and possibilities for interaction
 - understand the processes of designing and evaluating interactive experiences together with the appropriate target group
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forudsætninger

The intention is that programming experience is desirable but not essential. There should be scope for both technical development as well as design using a high-level design language.

Kursusdage 4 week course - Will be placed in November and December 2013.

Eksamenstidspunkt January 2014

Vurdering 20 min oral exam based on a written assignment

Evaluering Will be announced later.

Kursussekretær Heidi Lundquist (heilu@ruc.dk)

Underviser John Patrick Gallagher (jpg@ruc.dk)
Morten Brandrup (mortebr@ruc.dk)

STADS kandidat 1. modul

stamdata aktivitetskode : U24647

prøveform : mundtlig

bedømmelse : 7-trinsskala

censur : Ekstern censur