



ROCA News No. 3 November/December 2013

Applications:

Many applications submitted in November and December

Thanks to a lot of work by many ROCA members as well as the advise from members of IKK Research Committee, we were able to finalize **RADEF: Robots in Art, Design, and Film**, a collective research project for the Danish Research Council (FKK; Forskningsråd for Kultur og Kommunikation).

We also submitted a pre-application for the Velux Foundation with another collective project entitled **INTERACT: Investigating Technology, Robots, Art, and Communication Techniques**, and hope to be invited to submit a full application in May 2014.

A number of individual applications were also submitted: **Miya** and **Bojana** submitted an individual Post. Doc. application to the FKK, while **Stina** and **Lila** submitted individual Ph.D. applications to the Faculty of Humanities.

By December 31, Gunhild submitted an application to **CPH AIR**, Copenhagen Artists in Residency provided by the Municipality of Copenhagen to invite artist and roboticist Ian Ingram to Copenhagen on an Artist in Residency for 3 months from October 2014.

New participants:

New participants in the ROCA group:

Lila Lee-Morrison is a Research Assistant in the Visual Culture & Art History Department at Lund University, Sweden. Lila received MA in Visual Culture at Lund University with an educational background in political science and photojournalism. Her recent studies have focused on the cultural implications of the use of advanced visual technologies.

Line Marie Thorsen has finished her MA degree in Art History at University of Copenhagen with a project on Art and Acute Action applied to the contemporary art scene in Japan in response to the earthquake, tsunami and nuclear disasters on March 11, 2011. Line is interested in exploring the theoretical and analytical perspectives of Science & Technology Studies in relation to robots and art.

Ragnild Lome has finished her MA degree in Modern Culture at University of Copenhagen, and has an interest in 18th century philosophy and literature, including also concepts of automata from this period.

Report from ROCA Workshop: BUILD YOUR OWN ROBOT

Arduino workshop with Illutron at InterMedia Lab

The Practice-based Research group at IKK and the Robot Culture and Aesthetics group worked together with the IT University in inviting *Illutron*, a collaborative interactive art studio, to conduct a one-day workshop on how to build a robot from arduino and motor components. The workshop was organized and executed by Dzl (Nikolaj Møbius), technical inventor at *Illutron*, with assistance by Ole Kristensen, coordinator at Intermedia Lab.

The workshop took place at InterMedia Lab at IT Universitet, Rued Langgaards Vej 7, 2300 Copenhagen S (ground floor)

The workshop was sponsored by the Practice-based Research Group at Department of Arts and Cultural Studies (University of Copenhagen), along with IT University, who provided coffee, croissants, and fruit for the breaks. In addition, participants paid 450 kr on their own for materials (arduino board, motor, various pieces of cut-out wood, etc.), which they could bring home afterwards.

Most participants brought their own computer and has installed the latest versions of Arduino and Processing before the workshops according to the instructions on these pages:
<http://arduino.cc/en/Main/Software> and <https://processing.org/download/>

PROGRAM

9:00 - 10:00 Introduction, context, expectations

10:00 - 12:00 Workshop part I

12:00-13:00 Lunch

13:00 - 15:00 Workshop part II

15:00 - 16:00 Reflection, discussion

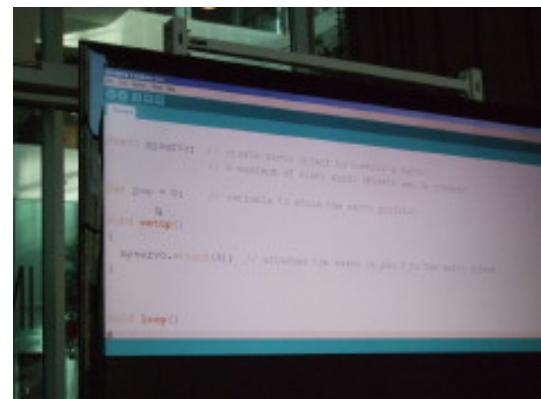
The workshop was conceived with a number of purposes in mind:

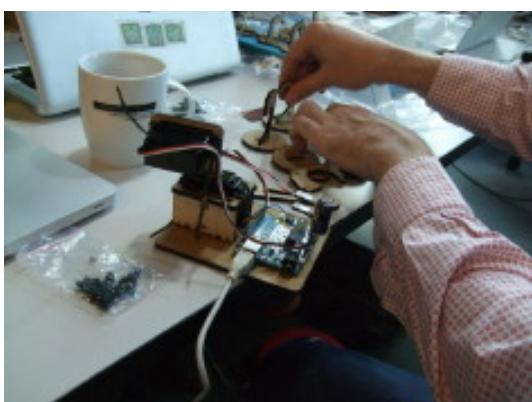
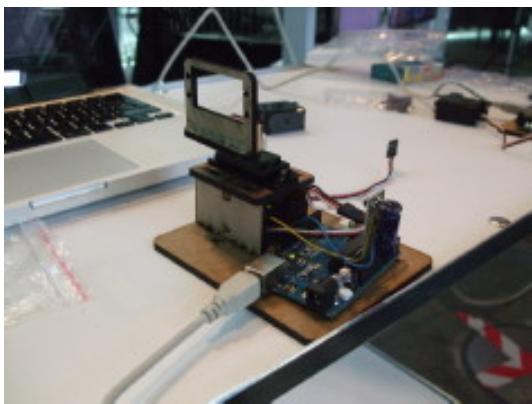
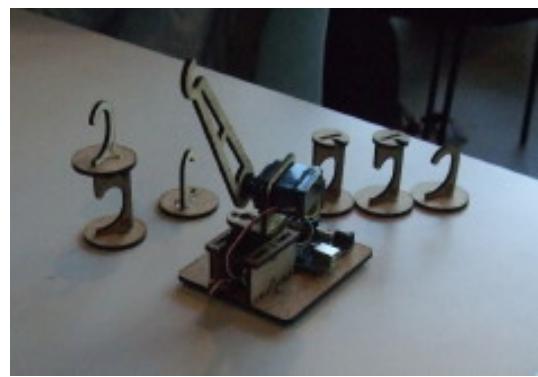
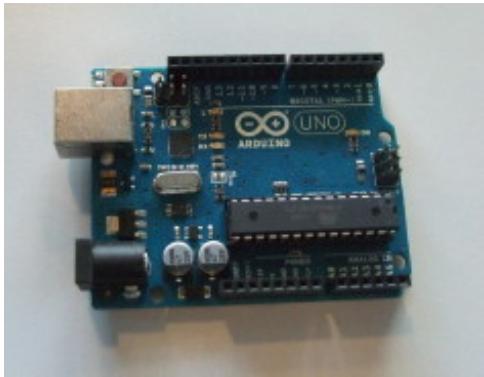
- for the Practice-based Research group and the ROCA group to carry out robot building in practice, as well as reflecting on the process and experience. Therefore, we included discussion and reflection before and after the workshop as a way of framing the practice.
- for the same reasons, we documented the workshop by video recording the event. Photos and video recording by Gunhild Borggreen are reproduced in this report, as well as on the ROCA website. Video recording by Rebekka Elizabeth Anker-Møller exist as raw footage and is to be edited with the purpose of investigating the processes of handling and bodily engagement with tools and technology.
- to get a sense of DIY - how to handle small scale technology in ways that may challenge common understanding of technology as something exclusively for experts.
- for the Practice-based Research group and the ROCA group to see the ITU lab and try by experience how such a lab may work. How can an IKK Lab look like if we were to build one?

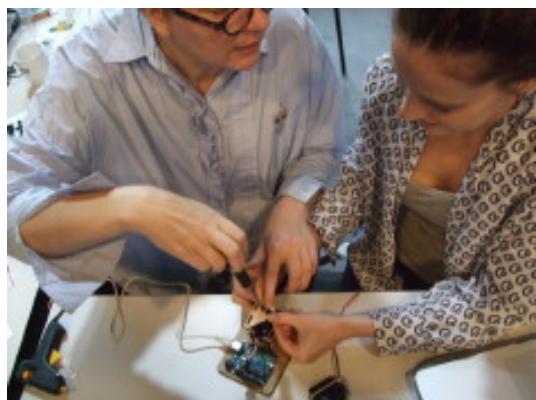
Participants

- **Workshop Instructor:** Dzl (Nikolaj Møbius), Illutron, with assistance by Ole Kristensen, Intermedia Lab
- **From ITU:** Laura Beloff, Anne-Marie Skriver Hansen, Cameline Bolbrie, Catherine Zebblin, Hanne-Louise Johannessen, Phillip Prager
- **From IKK:** Gunhild Borggreen, Mette Tranholm, Rikke Cortsen, Katrine Mosegaard, Bojana Romic, Rebekka Anker-Møller, Anna Gulmann
- **From Design School:** Troels Degn Johansson, Tau Lenskjold, Joachim Halse, Flemming Tvede Hansen
- **From PENSOR:** Marco Nørskov, Rikke Mayland Olsen

Image documentation







Editor: Gunhild Borggreen
Photo credits: Gunhild Borggreen
Illustration: Linus Gudmundsson