

NordiCHI 2000 — Workshop

# Workshop on Developing Educational Material for HCI

## An IFIP WG13.1 Workshop

Sunday 22 October 10.00 - 17.00

in conjunction with the NordiCHI2000 conference  
in Stockholm, Sweden

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We cordially invite interested participants to submit position papers to this workshop on education in HCI, stating their teaching experience and position with respect to HCI education both in academic and industrial settings. We especially would like to encourage the statements to relate to the workshop topic, as described in the following.

### Workshop Description

During an HCI education workshop held at the INTERACT 1999 Conference in Edinburgh (Cox, Oestreicher, Quinn, Rauterberg and Stolze 1999), the discussions revealed several interesting issues in Human-Computer Interaction (HCI) education, and some of them have been documented in the report that resulted from the workshop (Oestreicher 2000). Among the interesting things that were discussed was the relative lack of good textbooks and teaching resources in the area.

The books that are commonly used were considered too wide, too unspecific, or not solely suitable for a complete course in HCI. The workshop also emphasised the need for material that supported the forming of an HCI mindset in the students, something that traditional textbooks do not do. The rationale for this workshop is to investigate the possibilities to provide the HCI community with a qualitative source of educational material, which is useful, easily accessible, and affordable. This is especially important from an international perspective, where the material can, for example, act as an affordable or cheap (money-wise, not quality-wise) source of instructional material for countries where the HCI community is smaller and where teachers

experience a lack of both teaching material. This kind of material might be difficult to publish in journals, and is also in many cases too small to be published in book form, whereas a more open publication possibility could be to release smaller education packages in the form of booklets.

The proposed material can be of different types, for example:

1. Lecture suggestions, i.e. suggestions for how to teach a specific topic for some specified group of students.
2. Theoretical issues on education in HCI, didactic discussions, and inspirational material with a theoretical base.
3. Lecture material that has been tested with success, including assignments, examples, working examination procedures, etc.

Material may be written in small sections, which are too small to be published as separate books, but combined would form a source of useful information. The most interesting of these types of materials would probably be the set of annotated material envisaged in category 3 above.

Interested participants are expected to submit a position paper stating affiliation, teaching experience, and position with respect to HCI education both in academic and industrial settings.

In order to see what kind of material we hope to produce, the draft report from the previous workshop can be downloaded from the URL:

<http://www.dis.uu.se/~larsoe/eduworkshop/>

## **Workshop Organisation**

The workshop will be organised as a one-day workshop where the first half will be devoted to the discussion of suitable types of materials to be published in this way, based on the statements in the position papers. In the second half of the workshop we propose to work in two groups, focussing on what criteria might be placed on the material, essentially creating a template for contributions to this database, and on how to implement the results practically.

## **Workshop Contributions**

In addition to the requested statements (see above) we encourage the participants to submit samples of practical mind-shaking material that have been used or planned in education. The information in the workshop contributions shall be used as sample material for the workshop discussions. Position papers and other submissions should not exceed 6 pages together, but in case of extensive materials, www-links may be included in the papers. The workshop material, including sample materials will be made available on the website prior to the conference. Results from the workshop will be presented as a poster during the conference, as well as in a report, which will be published on the Web, afterwards.

## Joining The Workshop

To join the workshop the interested participants are requested to send in the position paper (and other material of interest) as stated above as an rtf-file (following the NordiCHI paper format, see below) or as a plain text email message to:

[larsoe@dis.uu.se](mailto:larsoe@dis.uu.se)

not later than the 1 September 2000. You may also write to this address in case you have any questions or other suggestions for the workshop.

The registration fee for the workshop is 500 SEK in addition to the registration for the NordiCHI conference, and *should be paid to the conference organisation*, upon notification of acceptance for participation.

We will limit the number of workshop attendants to 15 in order to have manageable groups.

## Web Sources

Workshop information, including this call for papers will be posted on the web-address:

<http://www.dis.uu.se/~larsoe/eduworkshop/>

More information about the NordiCHI conference is available at:

<http://www.stimdi.se/konf/nordichi2000/>

The NordiCHI Publication format is available at:

[http://www.stimdi.se/konf/nordichi2000/call\\_for\\_papers.html](http://www.stimdi.se/konf/nordichi2000/call_for_papers.html)

## Workshop Organisers

Lars Oestreicher, Ph. L., Lecturer in HCI at the Department of Information Science at Uppsala University since 1988, teaching subjects varying from Basic HCI Courses, over courses in Task Analysis and Usability testing to courses in Cognitive Science on Graduate levels. He is also giving an annual teaching module on task analysis at the Technical University in Eindhoven, Holland.

<http://www.dis.uu.se/~larsoe/>

Paula Kotzé, PhD, Professor and Head of Department, Department of Computer Science and Information Systems, University of South Africa. She has vast experience in teaching and research, including a variety of topics in HCI, formal software specification, databases, as well as educational issues. She has developed courseware for all levels of tertiary education and has supervised a large number of graduate students.