

Übung 2 – Mensch-Maschine-Interaktion

Essay

(Per-person homework, 1 week)

Write an essay of 1000 to 2000 words about the topic that has been assigned to you. Each person was randomly assigned two out of the 31 topics below. Choose *one* of the two for your essay. The essay must be written in German. See below for the list of names and topic numbers.

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| 1. Embodied interaction | 16. Auditory icons and earcons |
| 2. The term „affordance“ in UI design | 17. User interfaces in Smalltalk |
| 3. Wizard of Oz (as a method in UI design) | 18. Storyboards in UI design |
| 4. UMLi | 19. Heuristic evaluation |
| 5. User Interface Markup Language (UIML) | 20. Statistical tests for user studies
(e.g. T-Test, ANOVA) |
| 6. XUL | 21. Gestalt perception und user interfaces |
| 7. Extensible User Interface Language (XUL) | 22. NFC (near field communication) |
| 8. Microsoft Extensible Application Markup
Language (XAML) | 23. Cognitive walkthrough |
| 9. User Interface Markup Language (UIML) | 24. Human motor skills |
| 10. W3C Xforms | 25. Human cognitive skills |
| 11. Apple Newton UI | 26. Sonification (auditive presentation of
information) |
| 12. NeXTStep Graphical User Interface | 27. UI in Python on Nokia series 60 phones |
| 13. OS/2 User Interface | 28. Questionnaire design |
| 14. VisiCorp Visi On | 29. Persuasive technology |
| 15. Norman's Action Cycle
(7 stages of action) | 30. GOMS |
| | 31. Keystroke-level model (KLM) |

Assignment of Topics to Persons:

Alunni: 5 29	Hennecke: 11 3	Lederer: 1 20	Schussmann: 29 15
Andreansky: 13 24	Hilkert: 15 9	Ljubanova: 31 12	Schweizer: 14 25
Attenberger: 16 20	Hillebrenner: 7 17	Mahrhofer: 3 16	Shaykhit: 28 20
Bäumel: 3 12	Holzer: 2 20	Maugg: 19 4	Sußmann: 7 19
Bremer: 22 17	Honig: 3 29	Müller: 24 30	Tafelmayer: 26 1
Cameirano: 7 26	Huber: 26 4	Obendorfer: 11 13	Totzke: 6 29
Chuh: 2 30	Jahn: 10 26	Obergfell: 10 29	Wassenberg: 4 23
Doll: 25 23	Januzaj: 19 18	Örgün: 3 18	Weckemann: 21 13
Dürr: 19 20	Kaczkowski: 25 8	Pahre: 20 23	Weikersdorfer: 11 10
Eisensehr: 21 29	Kahl: 6 22	Papiorek: 21 9	Weiler: 3 31
Engstler: 26 6	Kauntz: 29 14	Pollner: 5 26	Weinand: 29 16
Erhardt: 28 31	Kim: 28 5	Rabinowitsch: 26 27	Wendland: 24 17
Finkenzeller: 4 15	Klein: 12 16	Rattenhuber: 20 25	Wolf: 27 8
Grüber: 1 18	Klüber: 11 13	Reichenbach: 1 6	Zollner: 5 26
Hamadou: 10 8	Koch: 23 24	Riml: 17 8	
hegewisch: 14 3	Kunze: 30 27	Ruhland: 2 22	
Heldt: 27 9	Kutuzov: 31 21	Sanner: 28 7	

Submission:

- Submission is by email to mmil@hcilab.org
Please use a HTML attachment named `uebung2-lastname.html` (insert your last name).
The essay must be written in German. If you do not speak German, contact mmil@hcilab.org.
Essays have to be written individually.
- Only plain HTML without images is allowed. Only use the following tags: `<h1>` for the heading, `<h2>` for your name and subheadings, `<p>`, ``, `` to structure your text, and `` for further resources.
- Deadline for submission: **Tuesday, November 15th 2005, 8 a.m.**