

## Exercise 2 – Mensch-Maschine-Interaktion 1

### Essay

(Per-person homework, 1 week)

Write an essay of 1000 to 2000 words about one of the topics that have been assigned to you. Each person was randomly assigned two out of the 24 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.

1. Human information processing
2. Input devices and their role in HCI
3. Output devices and their role in HCI
4. Modeling the interaction between user and system
5. Paradigms for designing usable interactive systems
6. The iterative interaction design process
7. HCI in the software process (usability engineering)
8. Design rules for interactive systems
9. Programming tools for interactive systems
10. Usability tests in the field
11. Usability tests in the laboratory
12. Designing user interfaces for diverse people
13. Designing user support
14. Representing the user's view with cognitive models
15. Social and organizational issues affecting the acceptance of technology
16. Multi-user communication and collaboration models
17. Task analysis techniques
18. Dialog notations and design
19. Modeling the system's usability properties
20. Interaction models and design methods in ubiquitous computing
21. Applications supporting the collaboration of several users
22. Usability issues in ubiquitous computing
23. Usability issues in augmented realities
24. Usability in the World Wide Web

The topics are following chapters from Dix, A., Finlay, J., Abowd, G., Beale, R. *Human-Computer Interaction*. Pearson Education Limited. 2004. If you do not have access to this book, you will find helpful background information, resources, and links on the website:

<http://www.hcibook.com/e3/chapters/intro/> .

### Submission:

(Turn the page)

### Assignment of topics to people:

Anastasia: 1 / 18	Gvozdeva: 1 / 7	Nogaller: 16 / 20	Sun: 17 / 18
Andreas: 7 / 13	Hausmann: 17 / 22	Palleis: 4 / 16	Tevi: 5 / 12
Annika: 10 / 23	Hertzschuch: 13 / 23	Plötner: 4 / 12	Tran: 9 / 21
Asam: 15 / 20	Hoyer: 13 / 17	Rademacher: 14 / 16	Tsukanava: 8 / 15
Bafadikanya: 6 / 11	Junker: 9 / 12	Raltchev: 10 / 17	Viezzler: 12 / 24
Ballendat: 5 / 21	Kaminski: 4 / 11	Reichert: 7 / 11	Vlad: 7 / 16
Belzner: 10 / 20	Karl: 13 / 19	Richter: 9 / 21	von Zezschwitz: 18 / 24
Blaha: 15 / 22	Kiemer: 15 / 19	Röder: 14 / 19	Wallner: 14 / 23
Blöckner: 11 / 12	Kneißl: 2 / 8	Romanyuk: 14 / 16	Wang: 3 / 10
Cherkashyna: 15 / 22	Landmann: 3 / 20	Rümelin: 9 / 18	Waxenberger: 2 / 15
Dantone: 2 / 11	Lang: 1 / 23	Sauernheimer: 10 / 19	Weikert: 4 / 7
Dubinska: 5 / 6	Langer: 4 / 18	Schmidt: 5 / 13	Weiler: 5 / 24
Filonik: 8 / 21	Mansfeld: 18 / 24	Schwanengel: 21 / 22	Wenz: 8 / 10
Forrai: 6 / 22	Matuschek: 14 / 20	Schyschka: 6 / 9	Willi: 1 / 24
Gaißert: 5 / 7	Messner: 3 / 6	Shinetuya: 1 / 15	Witt: 2 / 12
Gottschling: 6 / 11	Moldenhauer: 3 / 23	Strubel: 3 / 22	Zankl: 13 / 17
Gueney: 8 / 16	Müller: 2 / 19	Stutzki: 14 / 17	Zimmermann: 8 / 9

### Submission:

- Submit your essay to the UniWorx<sup>1</sup> system.  
Please use a HTML attachment named `exercise2-lastname.html` (insert your last name).  
The essay must be written in German. If you do not speak German, contact [sara.streng@ifi.lmu.de](mailto:sara.streng@ifi.lmu.de). 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>`, `<strong>`, `<em>` to structure your text, and `<a href="...">` for further resources.
- Deadline for submission: **Monday, November 12th 2007, 12 a.m.**

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1 <http://www.pst.ifi.lmu.de/uniworx/>