Introduction

Updated: 31. Oktober 2017

Jörg Cassens

Seminar Medieninformatik
Winter Term 2017/2018

medieninformatik

IMAI – Institut für
Mathematik und
Angewandte Informatik
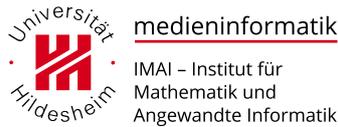
1 Welcome

Me

- Jörg Cassens
  - Institut für Mathematik und Angewandte Informatik
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  - Building Samelsonplatz, Office A 115
- My Background
- German: Du oder Sie

2 Rules & Regulation

2.1 Workload

Workload

- 4 ECTS
- 2 SWS
  - 100 hours
  - 30 hours course meetings
  - 70 hours self-study
- Exam

2.2 Credits

Credits Media Informatics: IMIT, AInf, DA

- **IMIT (PO 2014), Angewandte Informatik:** Veranstaltungen Master
  - Wahlbereich – Gebiet Medieninformatik
- **Data Analytics (PO 2014):**
  - Elective modules – application – CS/media systems
- **IMIT (PO 2011):** Veranstaltungen Master
  - Gebiete der Informatik – Gebiet Medieninformatik

Credits Media Informatics: WINF, Other

- **WINF (PO 2014):** Veranstaltungen Master
  - Wahlbereich – Wirtschaftsinformatik i. e. S., Betriebswirtschaftslehre und Informatik

- **WINF (PO 2011):** Veranstaltungen Master, entweder
  - Wahlbereich – Gebiet Medieninformatik

- **Other**: Contact the relevant committees

Credits Sysadmin: IMIT & AI

The Seminar "Systemadministration (5451)" is a topic within the Seminar "Medieninformatik (5489)".

- **MSc IMIT (PO 2014), AInf:** Veranstaltungen Master
  - Wahlbereich – Gebiet Systemadministration und Internet-Technologien

- **BSc IMIT (PO 2014), AInf:** Veranstaltungen Bachelor
  - Wahlbereich – Gebiet Systemadministration und Internet-Technologien

- **MSc IMIT (PO 2011):** Veranstaltungen Master
  - Gebiete der Informatik – Gebiet Systemadministration und Internet-Technologien

- **BSc IMIT (PO 2011):** Veranstaltungen Bachelor
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2.3 Learning Outcomes

Lernziele

*Aus dem **Modulhandbuch** (Medieninformatik):*
Die Studierenden vertiefen die *analytischen und methodischen Kompetenzen* zur *eigenständigen* Erschließung eines aktuellen Forschungsbereichs. Durch die Erstellung einer schriftlichen *Ausarbeitung*, die Vorbereitung eines *Vortrages* und die gemeinsame wissenschaftliche *Diskussion* wird das Verständnis der bereits erworbenen Kenntnisse vertieft. Ferner werden *Methodenkompetenzen* erworben, die es den Teilnehmenden erlauben, ihren Wissensstand eigenständig an veränderte technische und gesellschaftliche Entwicklungen anzupassen.

Learning Outcomes

*From the **Course Catalog** (Media Informatics):*
The students deepen their *analytic and methodological competences* for the *self-guided study* of current research areas. Through writing a small *paper*, preparing and giving a *talk* as well as joined *discussions*, the students' understanding of prior acquired knowledge is enhanced. In addition, *methodological competences* are acquired that allow students to adjust their level of knowledge to changing technological developments or needs of society.

2.4 Regulations

Admission

The number of slots in the seminar is limited. Therefore, admission to the course is prioritized as follows:

1. Number of courses in the area of "Media Informatics"/"Systemadministration" that have successfully been completed

2. Tie breaker: Special circumstance (work in the university self governance institutions, parenting, . . .)

3. Year of study

Exam

Successful completion of the course requires:

1. Regular attendance of the course
   - A minimum number of presentations you will have to attend will be given in due time
   - Expect to attend at least 2/3 of the other presentations

2. Delivery of abstract of term paper
   - Commitment to topic

3. Delivery of a term paper

4. Delivery of a presentation in the course

- Each participant will cover an individual topic
- Your topic will be defined either
  - by given scientific papers *(exam by study)* or
  - by a paper proposal made by you *(exam by research)*

2.5 Evaluation Criteria

Evaluation Criteria

- The exam grade consists of the grade for the term paper and the grade for the presentation in equal proportions

- Both presentation and term paper have to be at least of passing grade

- Active participation in course discussion is required and can be taken into consideration for the grade

- You are committed to the course when you accept a topic and do not withdraw at a cut-off date that will be announced in due time

- Tips for preparing both presentation and term paper will be made available

Sample of a detailed list of evaluation criteria:

Presentation

Methodical-Didactic Structure

Was the timing of the talk well planned and executed?

Was the auditorium included?

Were the slides readable and well designed?

Was media, graphics etc well used?

Content

Had the talk sufficient width?

Were important aspects covered in depth?

Was the content correct?

Were argumenta of others well presented?

Were own positions well founded?

Presentation and Interaction

Were rhetoric rules observed?

Were questions answered satisfactory?

Were other presentations visited regularly?

Handout and Team work (Bonus)

Does a handout with important aspects exist?

Were beneficial arguments given during discussion?

Homework

Topic

Has the delivery sufficient width?

Does the delivery go into the depth of important aspects?

Is the problem description understandable and fitting?

Is the target audience addressed?

Written Report

Are own positions sufficiently argued for?

Is the form of the work in order?

Does the text relate to the topic?

Are diagrams, tables etc. used well?

Formal Criteria

Is the delivery of expected length?

Is the number and quality of references adequate?

Do references follow academic norms?

Are spelling and grammar OK?

Is the language adequate?

Team work and scientific achievement (Bonus)

Is extraordinary good teamwork visible?

Does the deliverable handle aspects far beyond the given papers?

And in German:

Vortrag	**Methodisch-Didaktischer Aufbau**	
	War der Vortrag zeitlich gut geplant und durchgeführt?	
	Wurden die Teilnehmenden gut aktiviert?	
	Waren die Folien lesbar und visuell gut gestaltet?	
	Wurden Medien, Graphiken u.ä. gut eingesetzt?	
	Inhalt	
	Hatte das Referat eine angemessene inhaltliche Breite?	
	Wurden wichtige Aspekte des Themas in der Tiefe behandelt?	
	Waren die gemachten Aussagen inhaltlich richtig?	
	Wurde die Argumentation anderer schlüssig wiedergegeben?	
	Wurden eigene Positionen begründet dargestellt?	
	Darstellung und Interaktion	
	Wurden rhetorische Grundregeln eingehalten?	
	Wurden Fragen zielsicher beantwortet?	
	Wurden regelmäßig andere Vorträge besucht?	
	Handout und Teamarbeit (Bonus)	
	Gibt es ein Handout mit allen inhaltlich wichtigen Aspekten?	
	Wurden außerordentlich gute Diskussionsbeiträge gehalten?	
Ausarbeitung	**Thema**	
	Hat die Ausarbeitung eine angemessene inhaltliche Breite?	
	Werden wichtige Aspekte des Themas in der Tiefe behandelt?	
	Ist die Problemabgrenzung einsichtig und sinnvoll?	
	Wird das Thema für die Zielgruppe verständlich behandelt?	
	Schriftliche Aufbereitung	
	Gibt es aussagekräftige Darstellungen eigener Positionen?	
	Ist die Arbeit verständlich gegliedert?	
	Ist der Themenbezug der Ausführungen erkennbar?	
	Werden Abbildungen und Tabellen sinnvoll eingesetzt?	
	Formale Kriterien	
	Liegt der Umfang der Arbeit im vorgegeben Rahmen?	
	Ist Umfang und Qualität der Literatur angemessen?	
	Folgt die Zitierweise wissenschaftlichen Standards?	
	Sind Rechtschreibung und Grammatik einwandfrei?	
	Ist der sprachliche Ausdruck angemessen?	
	Teamarbeit und wissenschaftliche Leistung (Bonus)	
	Ist eine außerordentlich gute Teamarbeit erkennbar?	
	Werden Aspekte weit außerhalb der Basistexte aufgegriffen?	

Term Paper: Exam by Study

- You will be given at least one original scientific paper as base literature

- The base literature forms an entry point to the topic area

- You will need to consult other literature as well
    - The list of references of the base literature as well as other works citing the base literature make for good starting points for further research

- A template for the term paper will be made available as LaTeX-, word-processor- and PDF-file
    - This template has to be used

- The term paper has to have a minimum length of at least 15 pages in the template format without cover sheets, table of contents, references etc.

- Form and content of the term paper will be graded

Term Paper: Exam by Research

- You propose a scientific paper to be written for the course
- The proposal should include:
    - A defined topic area, for example a project or thesis in media informatics you have already successfully completed
    - A list with suggestions for workshops or conferences to submit the paper to
- The proposal will be individually assessed by the convener
- If accepted, you will deliver a paper ready to be submitted or already submitted to the agreed upon venue
- The paper has to adhere to common academic standards, in particular with regard to other literature referenced
- The term paper has the length and format specified in the agreed upon call for papers
- Form and content of the term paper will be graded – acceptance at the workshop or conference is not required
- Only possible for Media Informatics

It is recommended that you chose one topic areas as explained in "exam by study" if the paper proposal has not been approved by the course convener beforehand.

Presentation

- The presentation has a duration of 30 min plus 15 min of discussion
- Form and content of the presentation will be graded, as will the performance in the following discussion

3 Dates & Times

Presentation Slots

- There are two options for giving presentations
    1. At the end of term-time in weekly meetings
    2. Outside of term-time in March in all-day meetings
- If there are less then 6 participants for either option 1 or 2, then only the option that attracts more participants will be implemented
- The term paper has to be delivered at a specific date that will be announced in due time

Dates 2017

25.10., 14-16, B148 ▷ ~~Kickoff media informatics~~

26.10., Learnweb ⊠ ~~Papers online~~

01.11., 14-16, A102 ▷ Presentation of topics

08.11., 14-16, A102 ▷ Presentation of topics

08.11., 16-18, A102 ▷ Presentation and assignment of topics

15.11., 14-16, B148 ◁ Kickoff seminar sysadmin

16.11., Learnweb ⊠ Sysadmin papers online

22.11., 14-16, A102 ◁ Topic assignment sysadmin

29.11., 14-16, A102 □ *Lecture: Literature*

06.12., 14-16, B148 □ *Lecture: Documentation*

13.12., Learnweb ⊠ Abstracts due, presentation date confirmed

13.12., 14-16, A102 □ *Lecture: Presentation*

20.12., 14-16, A102 □ "Open questions"

Dates 2018

10.01., 14-18, A102 □ Student presentations (term)

17.01., 14-18, B148 □ Student presentations (term)

24.01., 14-18, A102 □ Student presentations (term)

31.01., 14-18, A102 □ Student presentations (term)

07.02., 14-18, A102 □ Student presentations (term)

27.03., 09-19, A102 □ Student presentations (block)

28.03., 09-19, A102 □ Student presentations (block)

29.03., 09-19, A102 □ Student presentations (block)

15.04., web/paper ⊠ Term papers & slides due

Subject to change.

□ in-person meetings everyone, ▷ in-person meetings media informatics only, ◁ in-person meetings sysadmin only, ⊠ deadlines for online or offline delivery.

Term-Time Meetings

- Two slots for the meetings during term:
  1. 14:00-16:00
  2. 16:00-18:00

- Only presentations should take all 4 hours

- Question: availabilities and preferences

4 Websites

Learnweb

☞ learnweb.uni-hildesheim.de
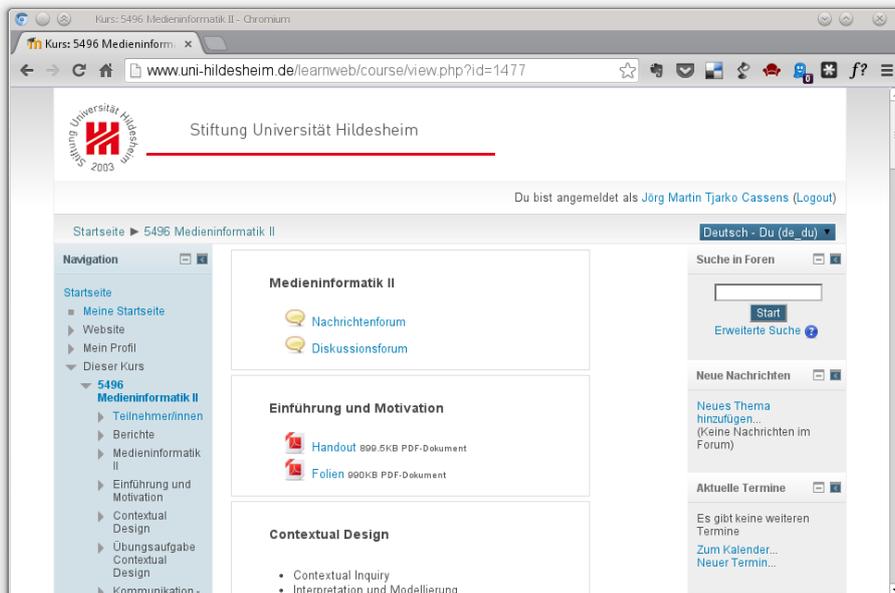
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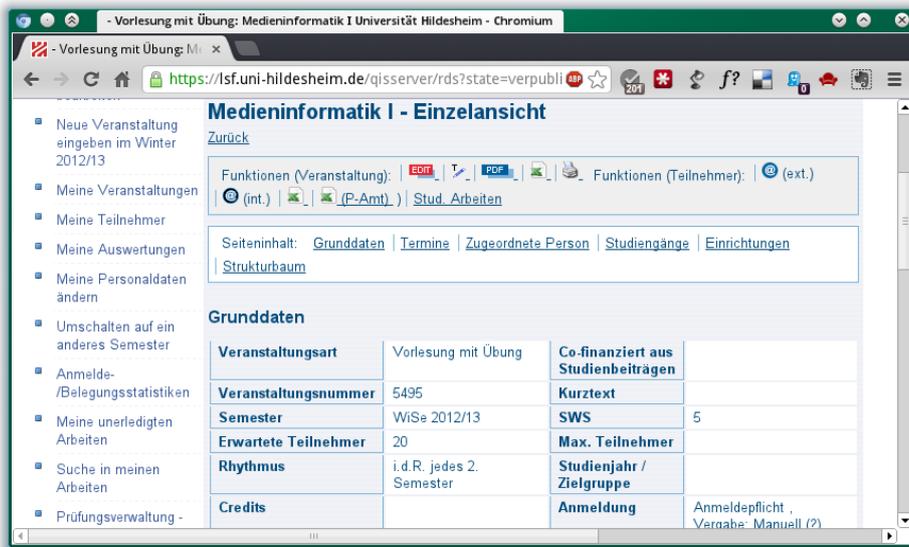
☞ lsf.uni-hildesheim.de

mi.kriwi.de
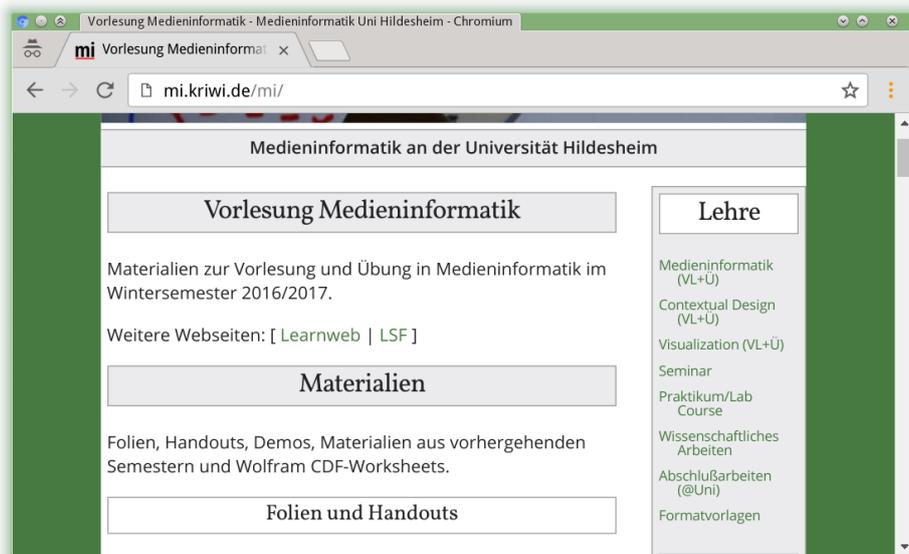
☞ mi.kriwi.de/smi

5 Topic Assignment

Lottery

- There is no inherently fair way to distribute topics

- I still want the process to be as fair as possible

- Three-Step process with random element
  1. You draw a number (this week)
  2. You read the papers/abstracts that sound interesting
  3. You get to chose papers in the order determined by the lottery (next week)

- Numbers are drawn today, topics assigned next week

- Participants not here today can draw further (higher) numbers, as long as space is available

- Participants who cannot make it next week can send me an email with a list of up to three preferred articles on the day before the topic assignment at the latest

Content

- Detailed topic overview in own slide set

- Overview and articles will be made available in the Learnweb tomorrow

6 Wrapping Up

Me

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  - Building Samelsonplatz, Office A 115

- *Important:* Register in Learnweb for email updates