Welcome
Rules & Regulation
Dates & Times
Websites
Topic Assignment
Wrapping Up

Introduction

Updated: October 31, 2017

Jörg Cassens

Institut für Mathematik und Angewandte Informatik

Seminar Medieninformatik
Winter Term 2017/2018

medieninformatik

IMAI – Institut für Mathematik und Angewandte Informatik

Outline

1 Welcome

2 Rules & Regulation

3 Dates & Times

4 Websites

5 Topic Assignment

6 Wrapping Up

Me

- Jörg Cassens
  - Institut für Mathematik und Angewandte Informatik
  - ☞ cassens@cs.uni-hildesheim.de
  - +49 (5121) 883-40182
  - Building Samelsonplatz, Office A 115
- My Background
- German: Du oder Sie

Attendance List

Please fill in the form that is being handed around.

Courses						Line of Study					
MI currently	MI completed	CDIS completed	DPV completed	MI-Prakt. completed	Special Reasons?	IMIT	AInf	DA	WINF	LA Inf.	Other

Attendance List

Please fill in the form that is being handed around.

Courses Done						Line of Study					
BSc: Sysadmin I	BSc: Sysadmin II	MSc: API	MSc: Krypto	Other	Special Reasons?	IMIT/AInf BSc	IMIT/AInf MSc	WINF BSc	WINF MSc	LA Inf.	Other

You

- Introduction
  - Who am I?
  - What do I study?
    - Programme, version of “Prüfungsordnung”
    - Master or Bachelor
  - Why am I here?
  - What do I expect from the seminar?
- Media Informatics
  - Where did I obtain my Bachelor’s degree?
  - Which courses in Media Informatics have I taken so far?

You

- Introduction
  - Who am I?
  - What do I study?
    - Programme, version of “Prüfungsordnung”
    - Master or Bachelor
  - Why am I here?
  - What do I expect from the seminar?

- System Administration
  - BSc: successfully completed “Systemadministration I (5470)” & “Systemadministration II (5471)”
  - MSc: successfully completed “Angewandte Kryptographie und Datensicherheit (5483)” & “Algorithmen und Protokolle für das Internet (5483)”
  - Shown by “Transcript of Records”

Outline

1 Welcome

2 Rules & Regulation

3 Dates & Times

4 Websites

5 Topic Assignment

6 Wrapping Up

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

Workload

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

Workload

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

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

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

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

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

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

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
  - Gebiete der Informatik – Gebiet Systemadministration und Internet-Technologien

Credits Sysadmin: WINF

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

- **MSc WINF (PO 2014):** Veranstaltungen Master
  - Wahlbereich – Wirtschaftsinformatik i. e. S., Betriebswirtschaftslehre und Informatik
- **BSc WINF (PO 2014):** Veranstaltungen Bachelor
  - Wahlbereich – Wirtschaftsinformatik i. e. S., Betriebswirtschaftslehre und Informatik
- **MSc WINF (PO 2011):** Veranstaltungen Master
  - Wahlbereich – Gebiet Systemadministration und Internet-Technologien
- **BSc WINF (PO 2011):** Veranstaltungen Bachelor
  - Wahlbereich – Gebiet Systemadministration und Internet-Technologien

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

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.

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

Regulations

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

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” that have successfully been completed
2. Tie breaker: Special circumstance (work in the university self governance institutions, parenting, …)
3. Year of study

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 “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)*

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

Evaluation Criteria

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

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

A detailed list of evaluation criteria can be found in the handout version of this slide deck.

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

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

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

Welcome
Rules & Regulation
Workload
Credits
Learning Outcomes
Regulations
Evaluation Criteria
Dates & Times
Websites
Topic Assignment
Wrapping Up

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

Outline

1 Welcome

2 Rules & Regulation

3 Dates & Times

4 Websites

5 Topic Assignment

6 Wrapping Up

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

Outline

1 Welcome

2 Rules & Regulation

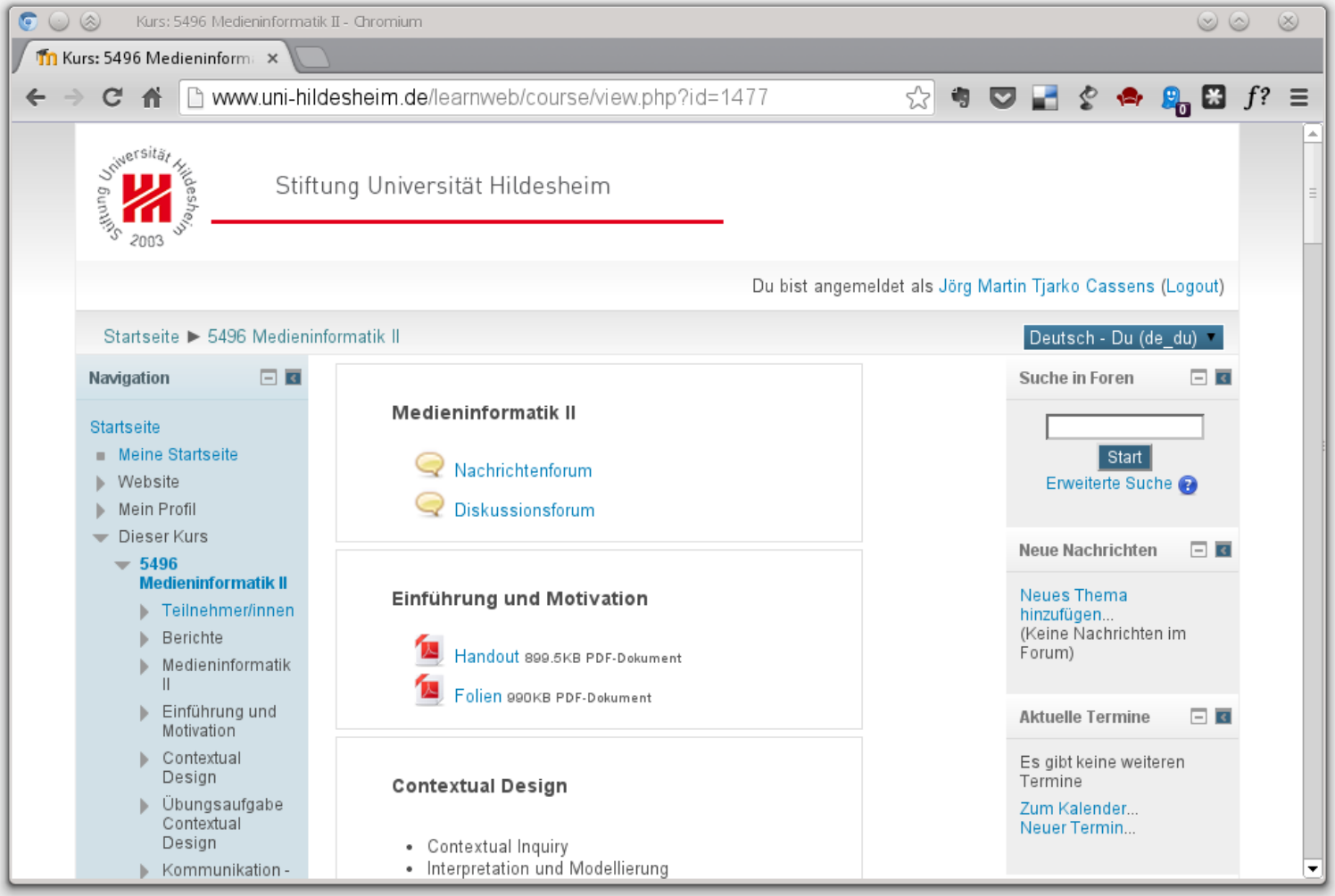
3 Dates & Times

4 Websites

5 Topic Assignment

6 Wrapping Up

Learnweb

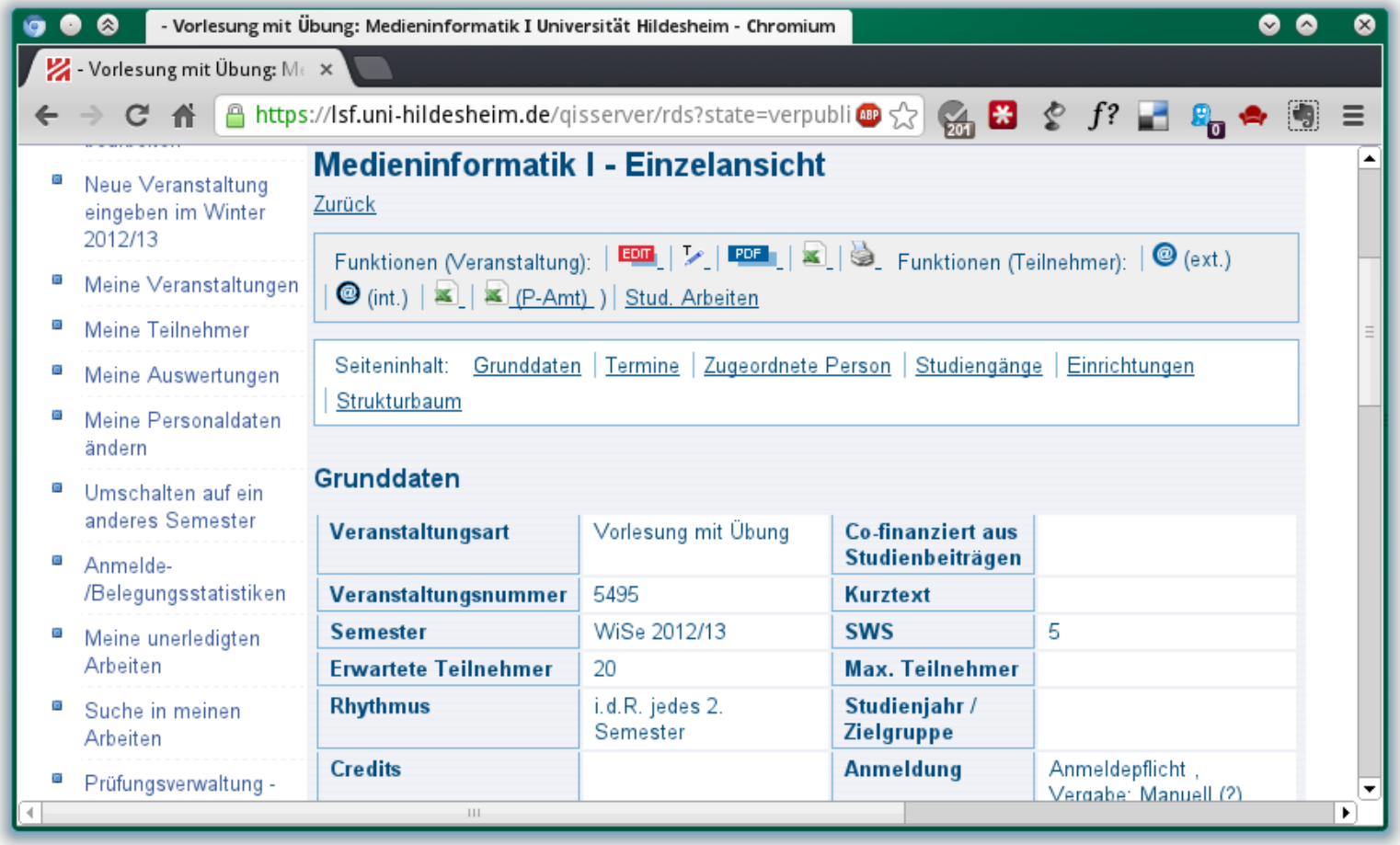


☞ learnweb.uni-hildesheim.de

Learnweb

☞ learnweb.uni-hildesheim.de

LSF



☞ lsf.uni-hildesheim.de

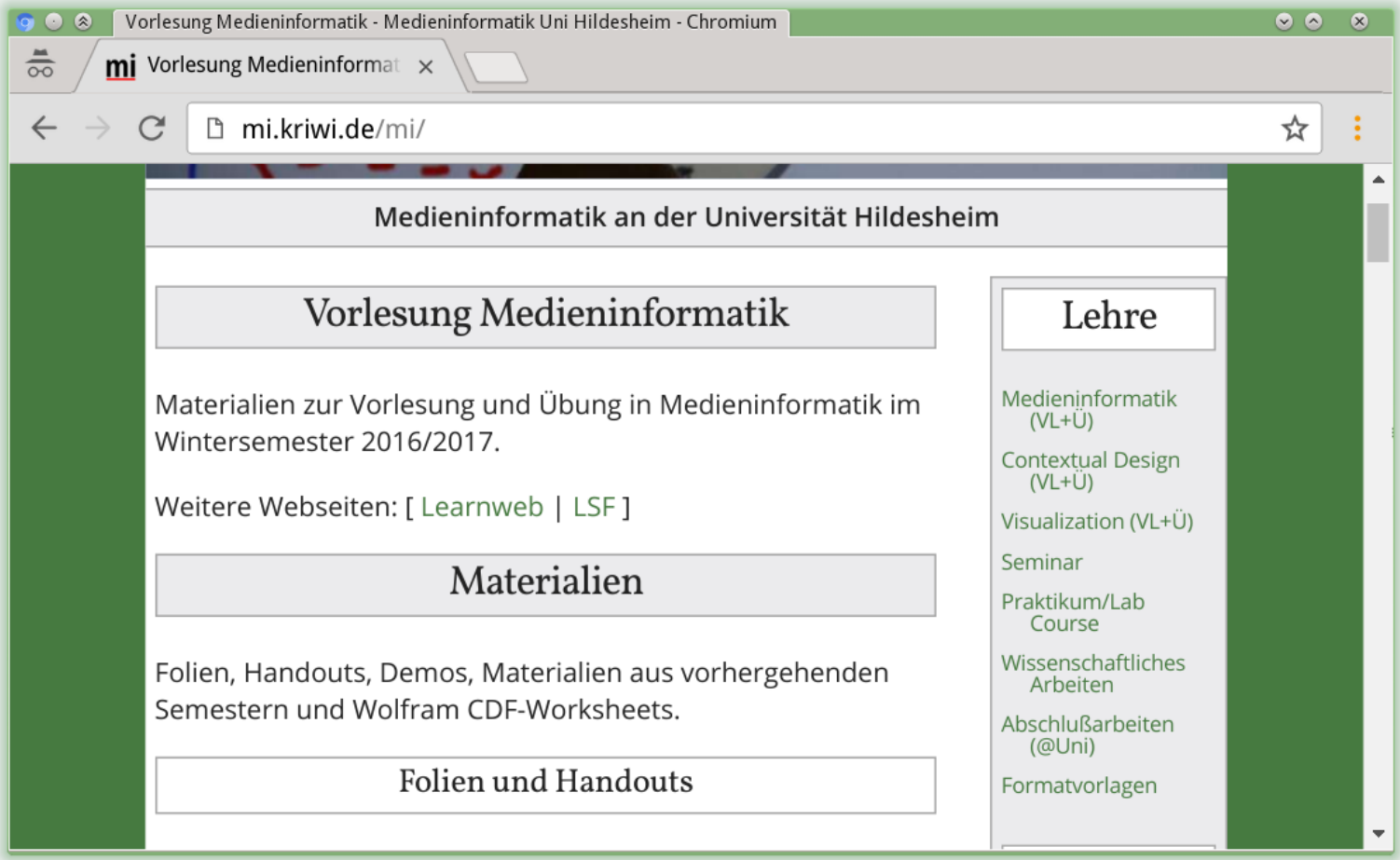
LSF Medieninformatik

☞ lsf.uni-hildesheim.de

LSF Systemadministration

☞ lsf.uni-hildesheim.de

mi.kriwi.de



☞ mi.kriwi.de/smi

mi.kriwi.de

☞ mi.kriwi.de/smi

Outline

1 Welcome

2 Rules & Regulation

3 Dates & Times

4 Websites

5 Topic Assignment

6 Wrapping Up

Lottery

- There is no inherently fair way to distribute topics
- I still want the process to be as fair as possible

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

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)

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

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)

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

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

Outline

1 Welcome

2 Rules & Regulation

3 Dates & Times

4 Websites

5 Topic Assignment

6 Wrapping Up

Me

- Jörg Cassens
  - Institut für Mathematik und Angewandte Informatik
  - ☞ cassens@cs.uni-hildesheim.de
  - +49 (5121) 883-40182
  - Building Samelsonplatz, Office A 115
- Important: Register in Learnweb for email updates

Introduction

Updated: October 31, 2017

Jörg Cassens

Institut für Mathematik und Angewandte Informatik

Seminar Medieninformatik
Winter Term 2017/2018