

Introduction

Updated: December 13, 2019

Jörg Cassens

Institut für Mathematik und Angewandte Informatik

Seminar Medieninformatik
Winter Term 2019/2020

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

Welcome

■ Jörg Cassens

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■ My Background

■ German: Du oder Sie

Attendance List

Please fill in the form that has been handed out if you have not done so previously:
Media Informatics

Courses						Line of Study						
MI currently	MI completed	CDIS completed	DPV completed	Aml completed	MI lab completed	Special Reasons?	IMIT	Alnf	DA	WINF	LA Inf.	Other

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

Attendance List

Please fill in the form that has been handed out if you have not done so previously:
System Administration

Courses successfully completed							Line of Study						
BSc: Sysadmin I	BSc: Sysadmin II	MSc: API	MSc: Krypto	MSc: Num Interpol	MSc: Num Approx	Other	Special Reasons?	IMIT/Alnf BSc	IMIT/Alnf MSc	WINF BSc	WINF MSc	LA Inf.	Other

■ 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?

■ 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

- Is this a BSc or MSc course for me?
- If MSc: Where did I obtain my Bachelor’s degree?
- Which courses in System Administration and Internet Technologies have I taken?

Welcome

**Rules &
Regulation**

Workload

Credits

Learning Outcomes

Regulations

Evaluation Criteria

Dates & Times

Websites

Topic

Assignment

Wrapping Up

Rules & Regulation

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

- 4 ECTS equalling 100 hours workload
- 2 SWS, targeting 20 participants
 - 30 hours course meetings (Introduction, Topics, Presentation)
 - 70 hours self-study (Reading papers, writing the essay)
- Exam as presentation, essay, active participation

Welcome

Rules &
Regulation

Workload

Credits

Learning Outcomes

Regulations

Evaluation Criteria

Dates & Times

Websites

Topic
Assignment

Wrapping Up

Credits

Welcome

Rules &
Regulation

Workload

Credits

Learning Outcomes

Regulations

Evaluation Criteria

Dates & Times

Websites

Topic
Assignment

Wrapping Up

- **IMIT (PO 2014+), Angewandte Informatik:**
Veranstaltungen Master
 - Wahlbereich – Gebiet Medieninformatik
- **Data Analytics (PO 2014+):**
 - Elective modules – application – CS/media systems
- **WINF (PO 2014+):** Veranstaltungen Master
 - Wahlbereich – Wirtschaftsinformatik i. e. S., Betriebswirtschaftslehre und Informatik
- **Other:** Contact the relevant committees

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 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

Welcome

Rules &
Regulation

Workload

Credits

Learning Outcomes

Regulations

Evaluation Criteria

Dates & Times

Websites

Topic
Assignment

Wrapping Up

Learning Outcomes

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.

Welcome

Rules &
Regulation

Workload

Credits

Learning Outcomes

Regulations

Evaluation Criteria

Dates & Times

Websites

Topic
Assignment

Wrapping Up

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

Admission

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

- 2 Number of courses in the area that have successfully been completed
- 3 Tie breaker: Special circumstance (work in the university self governance institutions, parenting, ...)
- 4 Year of study (highest semester wins)
- 5 Tie breaker: coin toss

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 For System Administration, BSc before MSc
 - 2 Number of courses in the area that have successfully been completed
 - 3 Tie breaker: Special circumstance (work in the university self governance institutions, parenting, ...)
 - 4 Year of study (highest semester wins)
 - 5 Tie breaker: coin toss
- Minimal requirement System Administration:
 - BSc: successfully completed “Systemadministration I (5470)” & “Systemadministration II (5471/5472)”
 - MSc: successfully completed “Angewandte Kryptographie und Datensicherheit (5483)” & “Algorithmen und Protokolle für das Internet (5483)”
 - To be shown by presenting the “Transcript of Records”

Successful completion of the course requires:

- 1 Regular attendance of the course
 - Minimum number of presentations you have to attend 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

- 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
- You will also need to register for the exam at the same date
- Tips for preparing both presentation and term paper will be made available

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

Term Paper: Exam by Study

Welcome

Rules &
Regulation

Workload

Credits

Learning Outcomes

Regulations

Evaluation Criteria

Dates & Times

Websites

Topic
Assignment

Wrapping Up

- 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
- 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
- A template for the term paper will be made available
 - This template has to be used
- The paper has to have a length of 12 pages in the template format
- 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

- 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

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

Dates & Times

- Meetings in the seminar are structured into three phases

- 1 Topic finding

- Different topics are presented
 - You can chose one of them
 - Attendance is not strictly required, but helpful
 - Rules & regulations are outlined, you are expected to familiarize yourself with them

- 2 Academic literacy

- Lectures and discussions
 - Attendance not compulsory
 - Happens only if sufficient interest is expressed

- 3 Presentations

- Weekly or en bloc meetings
 - Attendance compulsory for a set amount of talks

- There are two options for giving presentations
 - 1 At the end of term-time in weekly meetings
 - 2 Outside of term-time in March/April in all-day meetings
- You have to reserve a slot for your presentation in Learnweb
 - Slots can be reserved on a first come, first served basis
 - Final decisions on presentation dates will be made by the convener
- Requests to change the presentation date
 - Seven days or more before presentation: usually possible as long as alternative slots are available
 - Less than seven days before presentation: only possible in urgent cases, e.g. illness
 - Proof is required, e.g. certificate of incapacity for work

Dates 2019

- 23.10., 14-16 ▷ ~~Kickoff media informatics (B037)~~
- 24.10., 23:59 ∅ ~~Papers online (Learnweb)~~
- 30.10., 14-16 ▷ ~~Topic assignment media informatics (B037)~~
- 06.11., 14-16 ∅ ~~Reserve, defaults to no meeting~~
- 13.11., 14-16 ∅ ~~No meeting~~
- 20.11., 14-16 ◁ ~~Kickoff seminar sysadmin (B037)~~
- 20.11., 23:59 ∅ ~~Sysadmin papers online (Learnweb)~~
- 27.11., 14-16 ◁ ~~Topic assignment sysadmin (B037)~~
- 04.12., 14-16 □ ~~Lecture: Literature Research (B037)~~
- 11.12., 14-16 □ ~~Lecture: Presentation (B037)~~
- 18.12., 14-16 ∅ ~~Meeting cancelled, topic moved to 15.01.2020~~
- 18.12., 23:59 ☒ Abstracts due, exam signup (Learnweb)

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

Dates 2020

08.01., 14-16 Student presentations (term, B037)

15.01., 14-16 *Lecture: Documentation (B037)*

22.01., 14-16 Meeting likely to be cancelled

22.01., 14-16 Student presentations (term, B037)

29.01., 14-18 Student presentations (term, B037)

05.02., 14-16 Student presentations (term, B037)

23.03., 23:59 Term papers due (Learnweb)

31.03., 14-19 Student presentations (en bloc, B148)

01.04./02.04. Student presentations (en bloc, B148)

02.04., 23:59 Slides due (Learnweb)

Subject to change.

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

DFN Terminplaner+ **DFN**

Expert-Mode » Frontpage » Seminar Media Informatics: Lectures

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Deutsch | English

Seminar Media Informatics: Lectures

Please chose whether you intend to attend the three different lecture topics on scientific work. If you register for a (free) user at the "Terminplaner" website, you can easily change your votes later. For example, if you change your mind about later later topics after attending the first one, you can do so.

The lectures are planned as follows:

- Wed, 29.11., 14-16, A102: Literature
- Wed, 06.12., 14-16, B148: Documentation
- Wed, 13.12., 14-16, A102: Presentation

Please register your choice by Monday preceding the planned lecture. If there is not enough interest - the lectures are not compulsory - I will drop the lectures and announce this the day before the lecture. In such case, I will still be available for questions and discussions.

Select your timezone: Europe/Amsterdam

My response All responses Discussion (0 entries) Distribute Delete

	Wed 29. Nov 14:00-15:00	Wed 6. Dec 14:00-15:00	Wed 13. Dec 14:00-15:00	Updated
Jörg Cassens Add a comment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="button" value="Submit"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Yes
Maybe
No

terminplaner4.dfn.de/CPrOY7jpK9NzH1vC

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up



 terminplaner4.dfn.de/CPrOY7jpK9NzH1vC

Welcome

Rules &
Regulation

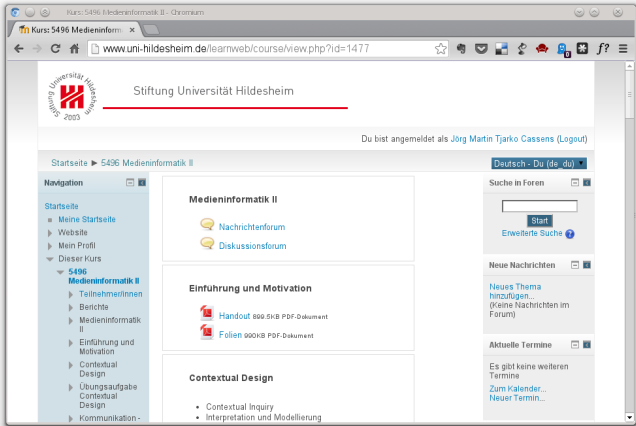
Dates & Times


Websites

Topic
Assignment

Wrapping Up

Websites



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Welcome

Rules &
Regulation


Dates & Times

Websites

Topic
Assignment

Wrapping Up



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Medieninformatik I - Einzelansicht

Zurück

Funktionen (Veranstaltung): [PDF](#) [Drucken](#) [PDF](#) [Löschen](#) [Löschen](#) Funktionen (Teilnehmer): [\(ext.\)](#)

[\(int.\)](#) [\(P-Amt\)](#) [Stud. Arbeiten](#)

Seiteninhalt: [Grunddaten](#) | [Termine](#) | [Zugeordnete Person](#) | [Studiengänge](#) | [Einrichtungen](#) | [Strukturbaum](#)

Grunddaten

Veranstaltungsart	Vorlesung mit Übung	Co-finanziert aus Studienbeiträgen	
Veranstaltungsnummer	5495	Kurztext	
Semester	WiSe 2012/13	SWS	5
Erwartete Teilnehmer	20	Max. Teilnehmer	
Rhythmus	i. d. R. jedes 2. Semester	Studienjahr / Zielgruppe	
Credits		Anmeldung	Anmeldepflicht , Vergabe: Manuell (?)

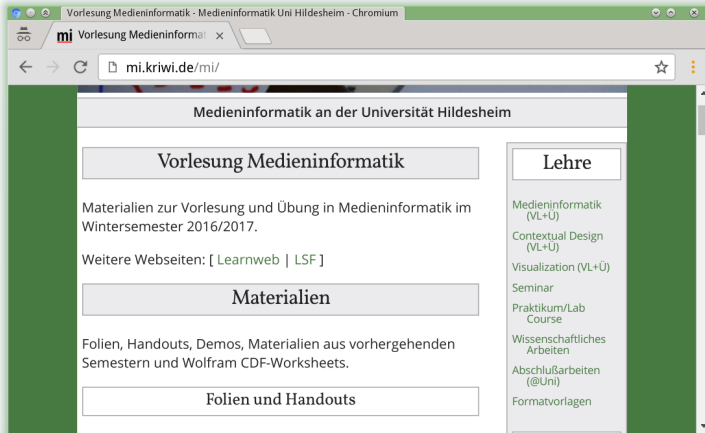
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Welcome

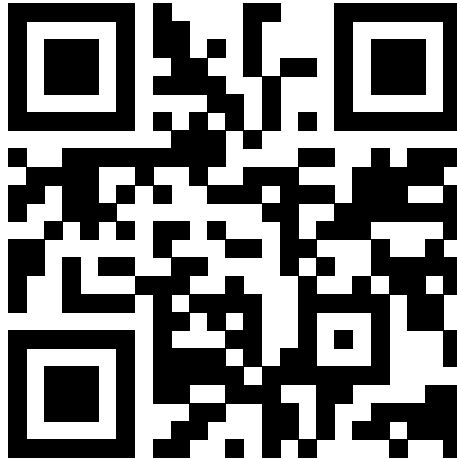
Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up



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Welcome

Rules &
Regulation

Dates & Times

Websites

**Topic
Assignment**

Wrapping Up

Topic Assignment

Lottery

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

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

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

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

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)

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

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)

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

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

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

- 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

Welcome

Rules &
Regulation

Dates & Times

Websites

Topic
Assignment

Wrapping Up

Wrapping Up

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- **Important:** Register in Learnweb for email updates

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Updated: December 13, 2019

Jörg Cassens

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Seminar Medieninformatik Winter Term 2019/2020