

# 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

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  - Building Samelsonplatz, Office A 115
- My Background
- German: Du oder Sie

# Attendance List

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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

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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?

## ■ Introduction

- Who am I?
- What do I study?
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## ■ 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”

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# Workload

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

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# Credits

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- **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

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- **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

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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

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# 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.

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## 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.

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# Regulations

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

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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

## 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*)

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# Evaluation Criteria

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- 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

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- 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

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# Presentation

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- 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

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# Presentation Slots

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- 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 than 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

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- 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

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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

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- 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



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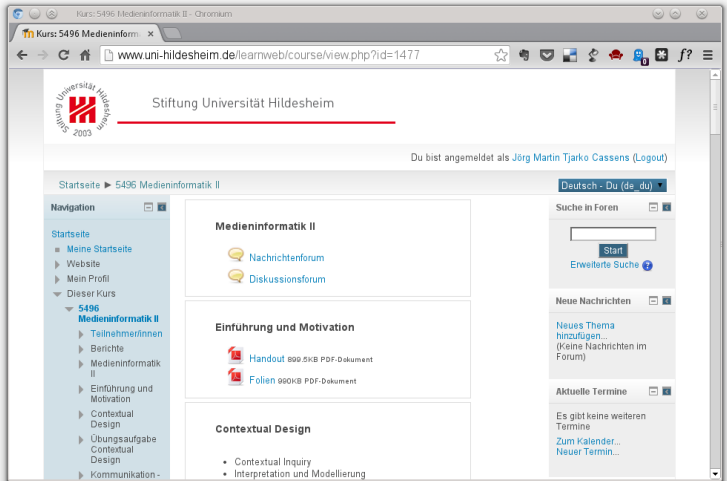
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Kurs: 5496 Medieninformatik II - Chromium

Kurs: 5496 Medieninform: x

www.uni-hildesheim.de/learnweb/course/view.php?id=1477

Stiftung Universität Hildesheim

Du bist angemeldet als Jörg Martin Tjarko Cassens (Logout)

Startseite ▶ 5496 Medieninformatik II

Deutsch - Du (de\_du)

**Navigation**

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    - Berichte
    - Medieninformatik II
    - Einführung und Motivation
    - Contextual Design
    - Übungsaufgabe Contextual Design
    - Kommunikation -

**Medieninformatik II**

- Nachrichtenforum
- Diskussionsforum

**Einführung und Motivation**

- Handout 899,5KB PDF-Dokument
- Folien 980KB PDF-Dokument

**Contextual Design**

- Contextual Inquiry
- Interpretation und Modellierung

Suche in Foren

Start

Erweiterte Suche


Neue Nachrichten

Neues Thema hinzufügen... (Keine Nachrichten im Forum)

Aktuelle Termine

Es gibt keine weiteren Termine

Zum Kalender...  
Neuer Termin...

 [learnweb.uni-hildesheim.de](http://learnweb.uni-hildesheim.de)

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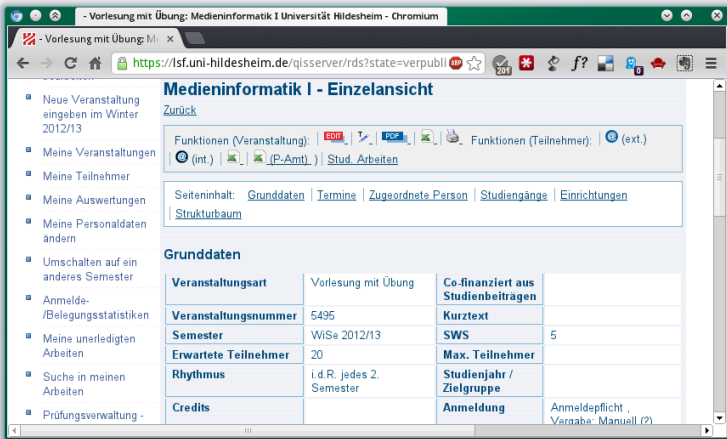
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 [learnweb.uni-hildesheim.de](https://learnweb.uni-hildesheim.de)



The screenshot shows a web browser window with the URL <https://lsf.uni-hildesheim.de/qisserver/rds?state=verpubli>. The page title is 'Medieninformatik I - Einzelansicht'. On the left, there is a navigation menu with items like 'Neue Veranstaltung eingeben im Winter 2012/13', 'Meine Veranstaltungen', 'Meine Teilnehmer', 'Meine Auswertungen', 'Meine Personaldaten ändern', 'Umschalten auf ein anderes Semester', 'Anmelde-/Belegungsstatistiken', 'Meine unerledigten Arbeiten', 'Suche in meinen Arbeiten', and 'Prüfungsverwaltung'. The main content area has a 'Zurück' link and two sets of function icons: 'Funktionen (Veranstaltung):' with icons for PDF, PPT, and other documents, and 'Funktionen (Teilnehmer):' with an icon for external links. Below this is a 'Seiteninhalt' section with links for 'Grunddaten', 'Termine', 'Zugeordnete Person', 'Studiengänge', 'Einrichtungen', and 'Strukturbaum'. The 'Grunddaten' section contains a table with the following information:

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 (?)

 [lsf.uni-hildesheim.de](https://lsf.uni-hildesheim.de)

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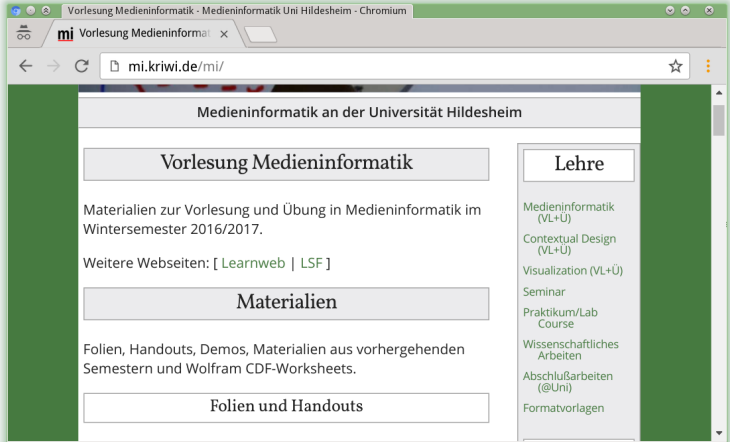
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Vorlesung Medieninformatik · Medieninformatik Uni Hildesheim - Chromium

mi Vorlesung Medieninformatik x

mi.kriwi.de/mi/

## Medieninformatik an der Universität Hildesheim

### Vorlesung Medieninformatik

Materialien zur Vorlesung und Übung in Medieninformatik im Wintersemester 2016/2017.

Weitere Webseiten: [ [Learnweb](#) | [LSF](#) ]

### Materialien

Folien, Handouts, Demos, Materialien aus vorhergehenden Semestern und Wolfram CDF-Worksheets.

### Folien und Handouts

### Lehre

- Medieninformatik (VL+Ü)
- Contextual Design (VL+Ü)
- Visualization (VL+Ü)
- Seminar
- Praktikum/Lab Course
- Wissenschaftliches Arbeiten
- Abschlußarbeiten (@Uni)
- Formatvorlagen

👉 [mi.kriwi.de/smi](https://mi.kriwi.de/smi)

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 [mi.kriwi.de/smi](https://mi.kriwi.de/smi)



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# Lottery

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

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# 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

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# 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)

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# 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

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# 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)

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- 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

- 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

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- Detailed topic overview in own slide set
- Overview and articles will be made available in the Learnweb tomorrow

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

# Introduction

Updated: October 31, 2017

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Institut für Mathematik und Angewandte Informatik

## Seminar Medieninformatik Winter Term 2017/2018



medieninformatik

IMAI – Institut für  
Mathematik und  
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