Saarland Informatics Campus

saarland-informatics-campus.de

Prof. Dr. Jens Dittrich

bigdata.uni-saarland.de
Office hours: Tue, Wed, Thu 14:00

Welcome!

UNIVERSITÄT
DES
SAARLANDES

SIC Saarland Informatics Campus

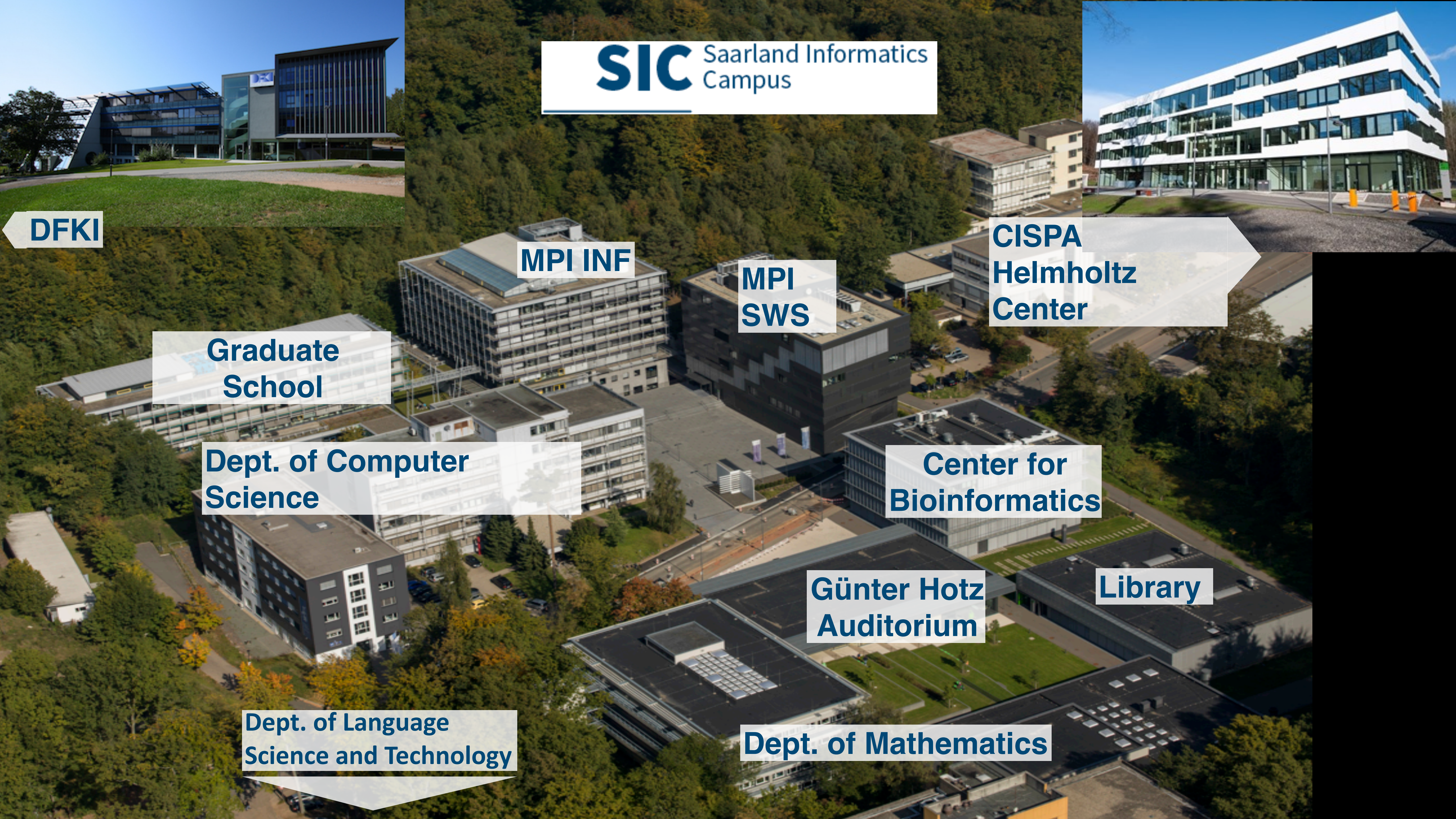**SIC** Saarland Informatics Campus

DFKI

MPI INF

MPI SWS

CISPA Helmholtz Center

Graduate School

Dept. of Computer Science

Center for Bioinformatics

Günter Hotz Auditorium

Library

Dept. of Language Science and Technology

Dept. of Mathematics

MSc Example Agenda

4	Master Thesis			
3	DSAI Advanced	DSAI Advanced	Master seminar	Free Points
2	DSAI Seminar	DSAI Advanced	DSAI Core	Free Points
1	DSAI Advanced	DSAI Core	CS Core	DSAI Advanced
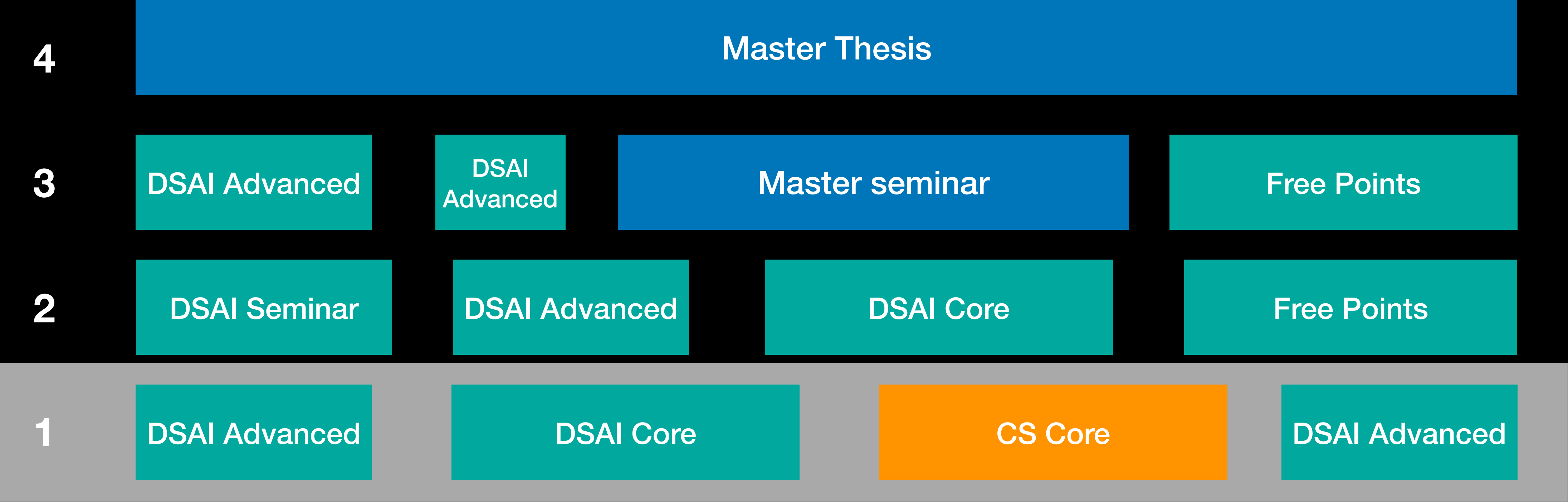
MSc DSAI Course Catalogue

[https://www.lsf.uni-saarland.de/]

DSAI Core

DSAI Advanced

Core Lectures DSAI

Lect.-No.	Lecture
126728	Database Systems - Dittrich
126730	Automated Reasoning - Weidenbach
126754	Neural Networks: Theory and Implementation - Klakow

Advanced Lectures DSAI

Lect.-No.	Lecture
124733	Statistik mit R - Demberg
126582	Stochastik II (Stochastics 2) - Zähle , Mitarbeiter des Lehrstuhls
126731	Security - Pellegrino , Tippenhauer
126744	Elements of Machine Learning - Vreeken , Valera Martinez
126746	AI Planning - Hoffmann
126774	Architectural Thinking for Intelligent Systems - Koehler
126775	Probabilistic Machine Learning - Valera Martinez
126781	Probabilistic Graphical Models and their Applications - Schiele
127198	Machine Learning in Cyber Security - Fritz
127465	Differential Equations in Image Processing and Computer Vision - Weickert , Mitarbeiter des Lehrstuhls
127466	Image Acquisition Methods - Peter
127467	Interpolation and Approximation for Visual Computing - Augustin , Mitarbeiter des Lehrstuhls
127468	Advanced Image Analysis - Peter

DSAI Seminar

➜ ⓘ **Seminars DSAI**

Lect.-No.	Lecture
126687	Selected Topics in Question Answering - Saha Roy
126868	Hybrid Learning and Reasoning - Klusch , Nonnengart , Feld
126967	Explainability Methods for Neural Networks - Pylypenko
127078	Commonsense knowledge extraction and consolidation - Razniewski
127079	Hybrid Machine Learning Approaches and Applications - Feld , Klusch
127186	Formal Methods for AI Safety - Dimitrova
127187	AI Planning – Lifted Planning, Problem Analysis and Grounding - Hoffmann
127192	Monte Carlo Methods - Wolf , Backenköhler
127298	Interactive Robotics - Steimle , Teyssier
127479	Seminar: Deep Learning and Optimisation for Visual Computing - Weickert , Tomasson
127507	Multi-agent Reinforcement Learning - Singla , Radanovic

CS Core

→ ⓘ Core Lectures Computer Science

Lect.-No.	Lecture
126605	Computer-Algebra: Groebner Basen und Anwendungen - Schreyer , Mitarbeiter des Lehrstuhls
126732	Digital Transmission, Signal Processing (Telecommunications I) - Herfet
126733	Computer Graphics - Slusallek , Yazici , Devillers
126734	Human Computer Interaction - Steimle , Strohmeier
126735	Geometric Modeling - Zayer
126736	Compiler Construction - Hack
126743	Software Engineering - Apel
127163	Algorithms and Data Structures - Künnemann , Bringmann

Contact persons

Study Coordinators: Dr. Tanja Breinig and Barbara Schulz-Brünken

- **Assistance** in your study organisation and progress: questions about the examination and study regulations, academic or personal problems, information about exchange semesters, etc.

- Building E1.3, rooms 209 and 208

- Office hours: **Tuesday and Thursday, 11 a.m.-1 p.m.**

- Emails to: studium@cs.uni-saarland.de

Examination office: Ms. Silke Lorang

- **Administration and processing** of your programme achievements: Transcript of record, registration master thesis, official certificates, recognition of external academic achievements, etc.

- Building E1.3, room 202

- Office hours: **Mondays to Thursdays, 10.30 -11.30 a.m.**

Control of progress

Full-time students are expected to deliver the following minimum requirements in the Master course of study:

- At least   9 credits after 1 semester

- At least 30 credits after 2 semesters

- At least 60 credits after 4 semesters

- At least 90 credits after 6 semesters

In case a student does not meet the minimum requirements for the second time, he/she shall **lose the right to participate in examinations**. Students shall be given the opportunity to make a written statement before the examination board makes the final decision in the matter.

Examination registration I

Please notice:

For all <u>examinations</u> you have to register in HISPOS one week before the exam at the latest (final exam <u>and/or</u> re-exam)! A delayed registration is not allowed !!

A withdrawal is possible one week before the respective exam at the latest; later only with medical certificate!

Only for core lectures:

You can improve a grade in a core course if you pass the final exam and take part in the re-exam <u>in the same exam period</u>. The better grade counts.

Examination registration II

For some <u>courses</u> e.g. seminars you have <u>also</u> to register before the course starts (limited number of participants). Please have a look at the respective website because of the conditions for registration.
Seminar registration: https://seminars.cs.uni-saarland.de/

A withdrawal from a seminar registration is only possible three weeks after getting the topic for presentation.

Problems? Please contact the study coordination!

Semester kick off meeting
Tuesday, October 27th, 15:00
Video call

Invitation to the Evaluation DSAI Master:

http://bit.ly/DSAI2021MA