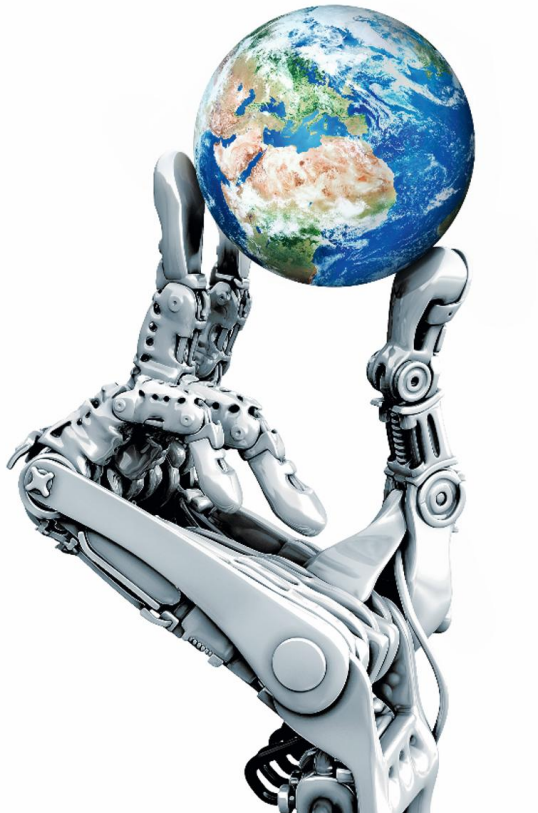
University of Stuttgart
Germany



M.Sc. Engineering Cybernetics

Introductory week and finding a good start

Prof. Andrea Iannelli
Student Advisor

Jonas Mair
Course Director

Student Advisor

Prof.
Andrea Iannelli
Institute for Systems Theory and Automatic Control
Pfaffenwaldring 9, room 2.244
70569 Stuttgart

E-Mail:
andrea.iannelli@ist.uni-stuttgart.de

Office hour:
Thursdays 1pm-2pm

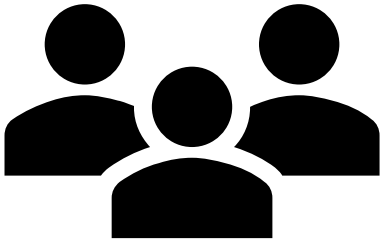
Course Director

M.Sc.
Jonas Mair
Institute for Systems Theory and Automatic Control
Pfaffenwaldring 9, room 2.243
70569 Stuttgart

E-Mail:
jonas.mair@ist.uni-stuttgart.de

Office hour:
On appointment

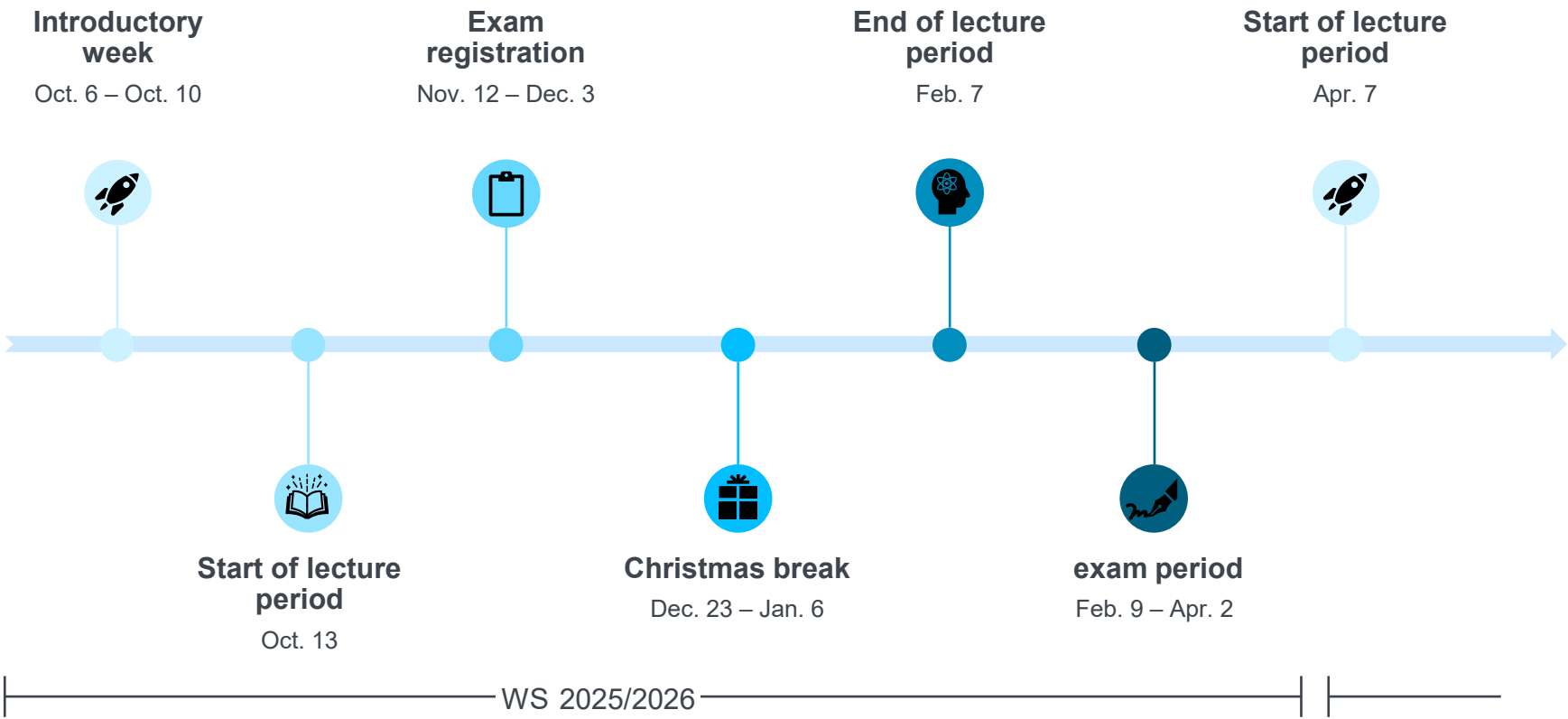
Your turn to introduce yourself!



- What’s your name?
- What did you study before?
- Where do you come from?
- …

Semester time line

Winter semester 2025/2026



Semester time line

Winter semester 2025/2026

Introductory week
Oct. 6 – Oct. 10

Start of lecture period
Oct. 13

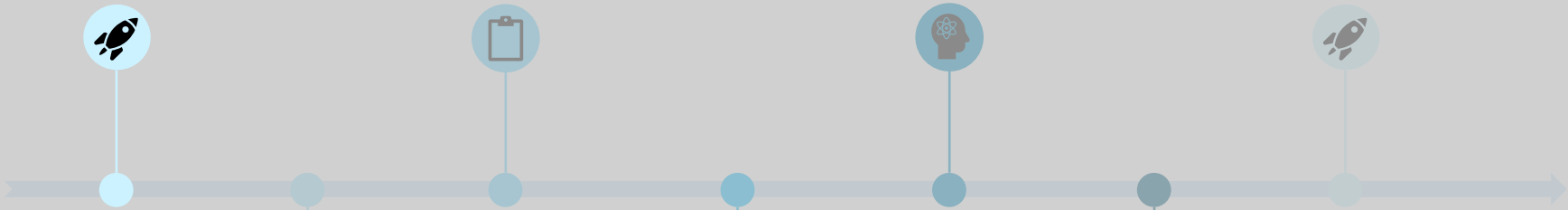
Exam registration
Nov. 12 – Dec. 3

Christmas break
Dec. 23 – Jan. 6

End of lecture period
Feb. 7

exam period
Feb. 9 – Apr. 2

Start of lecture period
Apr. 7



WS 2025/2026

Introductory week

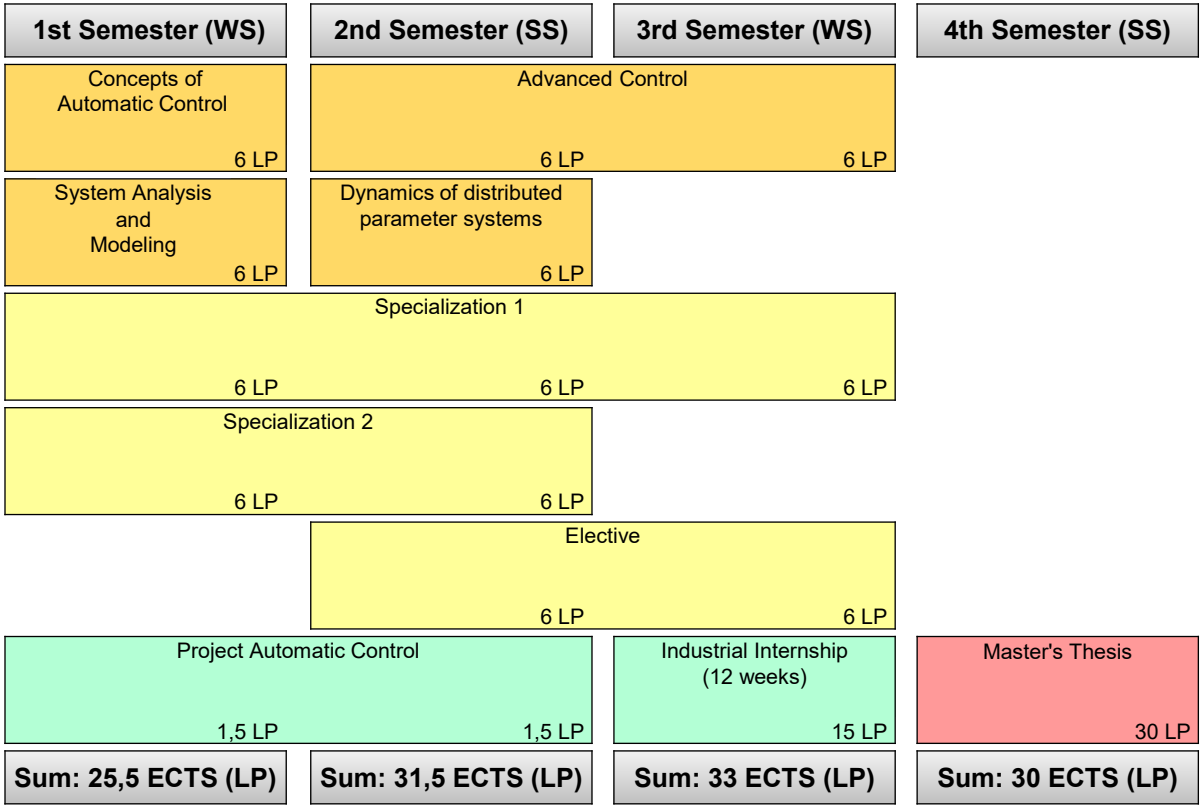
Schedule

very helpful | fun | networking | informative/helpful

Time	October 06	October 07	October 08	October 09	October 10
10:00-11:30 a.m.		Campus Rallye	Welcome day at IZ		Welcome by Study Dean
11:30-11:45 a.m.				Concepts of automatic control (CAC) lecture introduction event (2.255)	Presentation of Specializations
11:45-12:00 a.m.					
12:00-1:00 p.m.					
1:00-1:30 p.m					
1:30-2:00 p.m.					Lab tours
2:00-3:00 p.m.			Welcome day at IZ		
3.00-4:00 p.m.				Presentation of Specializations	
4:00-4:45 p.m.	Welcome by Prof. Iannelli and Jonas Mair				
4:45-5:00 p.m.					
5:00-5:45 p.m.					Get together
5:45-6:30 p.m.			Bar tour		
6:30-8:00 p.m.					
8:00 – open end					UNO Semester Party

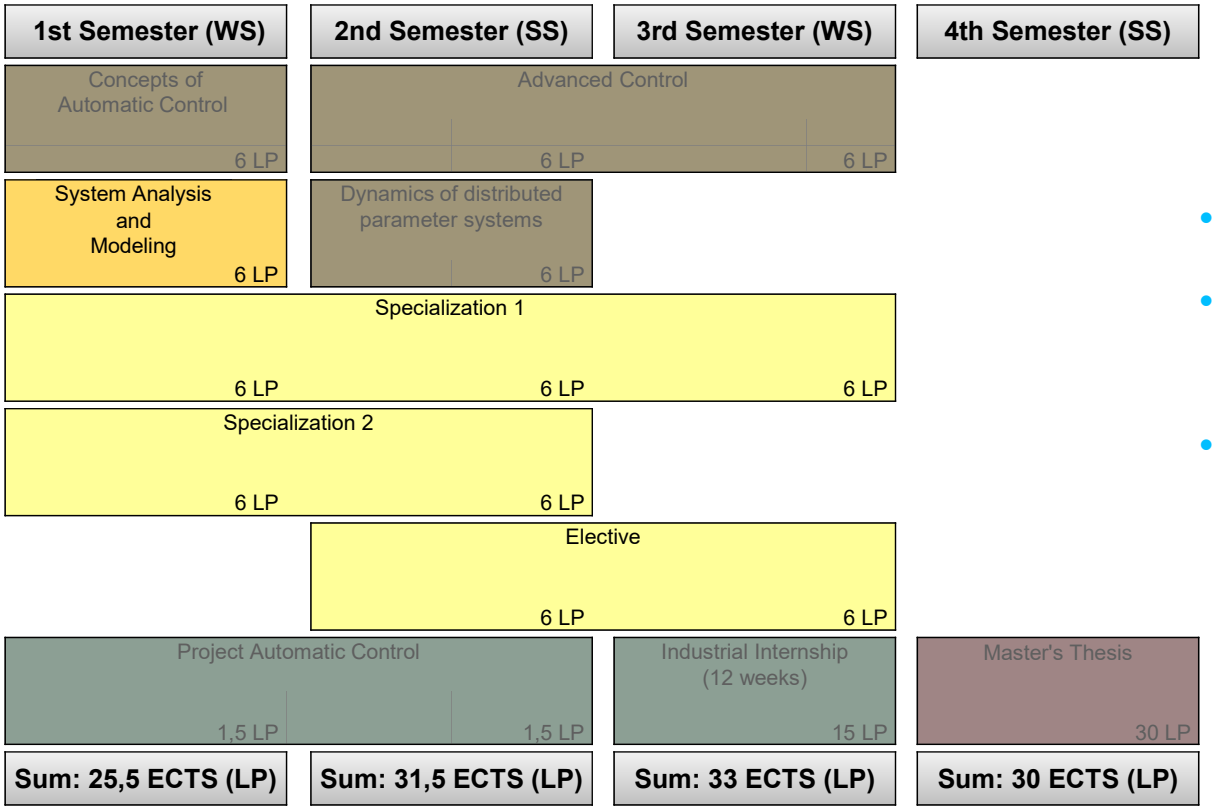
Macro-plan of M.Sc. Engineering Cybernetics

Examplary timeline



Specializations and other electives

Examplary timeline



- Huge amount of choices
- Presentations on Thursday and Friday
- You are responsible for creating your personal study schedule

Specializations

Autonomous Systems and Control	Mathematical Methods of Cybernetics
System Dynamics and Automation	Nonlinear Mechanics
Robotics (non-industrial)	Biomedical Technologies
Systems Biology	Transport Systems

There are

- Method-oriented specializations
- Application-focused specializations

Schedule for presentations of specializations

THURSDAY, OCTOBER 9

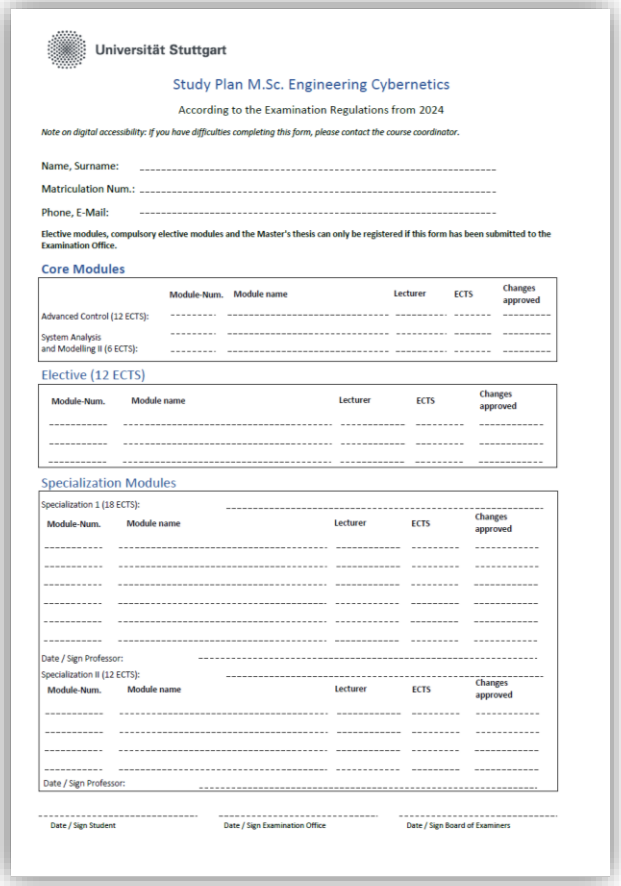
Time	Specialization	Presenter	Room
3:00-3:15 p.m.	Autonomous Systems and Control	Prof. Allgöwer	5.253
3:15-3:30 p.m.	Nonlinear Mechanics	Prof. Leine	5.253
3:30-4:30 p.m.	break		
4:30-4:45 p.m.	Mathematical Methods of Cybernetics	Prof. Scherer	5.253

FRIDAY, OCTOBER 10

Time	Specialization	Presenter	Room
10:00-10:15 a.m.	Welcome by the Study Dean	Prof. Sawodny	V9.41
10:15-10:30 a.m.	System Dynamics and Automation	Prof. Sawodny	V9.41
10:30-10:45 a.m.	Robotics (non-industrial)	Prof. Remy	5.253
10:45-11:00 a.m.	break		
11:00-11:15 a.m.	Systems Biology	Prof. Radde	5.253
11.15-11:30 a.m.	break		
11:30-11:45 a.m.	Transport Systems	Mr. Wohnsdorf	V9.41

The presentations take place in Pfaffenwaldring 9 (PWR 9).

Study Plan



Universität Stuttgart

Study Plan M.Sc. Engineering Cybernetics

According to the Examination Regulations from 2024

Note on digital accessibility: If you have difficulties completing this form, please contact the course coordinator.

Name, Surname: _____

Matriculation Num.: _____

Phone, E-Mail: _____

Elective modules, compulsory elective modules and the Master's thesis can only be registered if this form has been submitted to the Examination Office.

Core Modules

	Module-Num.	Module name	Lecturer	ECTS	Changes approved
Advanced Control (12 ECTS):					
System Analysis and Modelling II (6 ECTS):					

Elective (12 ECTS)

Module-Num.	Module name	Lecturer	ECTS	Changes approved

Specialization Modules

Specialization I (18 ECTS): _____

Module-Num.	Module name	Lecturer	ECTS	Changes approved

Date / Sign Professor: _____

Specialization II (12 ECTS): _____

Module-Num.	Module name	Lecturer	ECTS	Changes approved

Date / Sign Professor: _____

Date / Sign Student _____ Date / Sign Examination Office _____ Date / Sign Board of Examiners _____

- You can only register your master's thesis once the Study Plan has been submitted.
- Fill it out as early as possible
- It is not only a requirement, but also an advisory service
- The Study plan can be downloaded from the website or directly

Lab tours and get together

- **1:20 p.m.** meet in front of building 9
- **1:30-2:00 p.m.** Institute for Nonlinear Mechanics (PWR 9, 3.153)
- **2:00-2:30 p.m.** Institute for Systems Theory and Automatic Control (PWR 9, 3.255)
- **3:30-4:00 p.m.** Institute for System Dynamics (Waldburgstr. 17/19, 1.23/1.24)

- **5:00-6:30 p.m.** get Together
  - Networking
  - Meet students of the german-taught „Technische Kybernetik“ study program
  - Some snacks

Other activities

- Campus Rallye
  https://o-phase.fsmach.uni-stuttgart.de/veranstaltung/637
- Welcome day by IZ
  https://www.student.uni-stuttgart.de/en/startingout/international/orientation-offers/
- Bar tour
  https://o-phase.fsmach.uni-stuttgart.de/veranstaltung/639
- UNO semester party
  https://uno.stuvus.uni-stuttgart.de/#Tickets

Semester time line

Winter semester 2025/2026

Introductory week
Oct. 6 – Oct. 10

Start of lecture period
Oct. 13

Exam registration
Nov. 12 – Dec. 3

Christmas break
Dec. 23 – Jan. 6

End of lecture period
Feb. 7

exam period
Feb. 9 – Apr. 2

Start of lecture period
Apr. 7

WS 2025/2026

Important services

WI-FI (EDUROAM)

- Local: Internet access within the university‘s network
- International: Internet access within the eduroam network of all participating universities
- Printing
- Setup of eduroam and more information: https://www.tik.uni-stuttgart.de/en/services-a-z/Wi-Fi-eduroam-00002/

UNIMAIL

- You have a student email adresss: st******@stud.uni-stuttgart
- You can access them online
- You receive important information via this email address!
  - Important deadlines
  - Confirmation or registration for exams and lectures
  - Info if lectures are cancelled
  - …

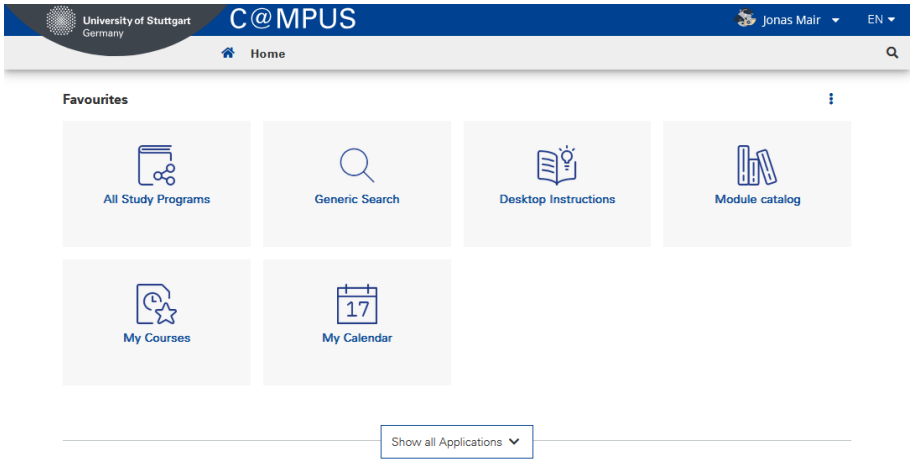
➡ Regularly check them or forward them to your personal email address!

C@mpus

The platform for organising your studies

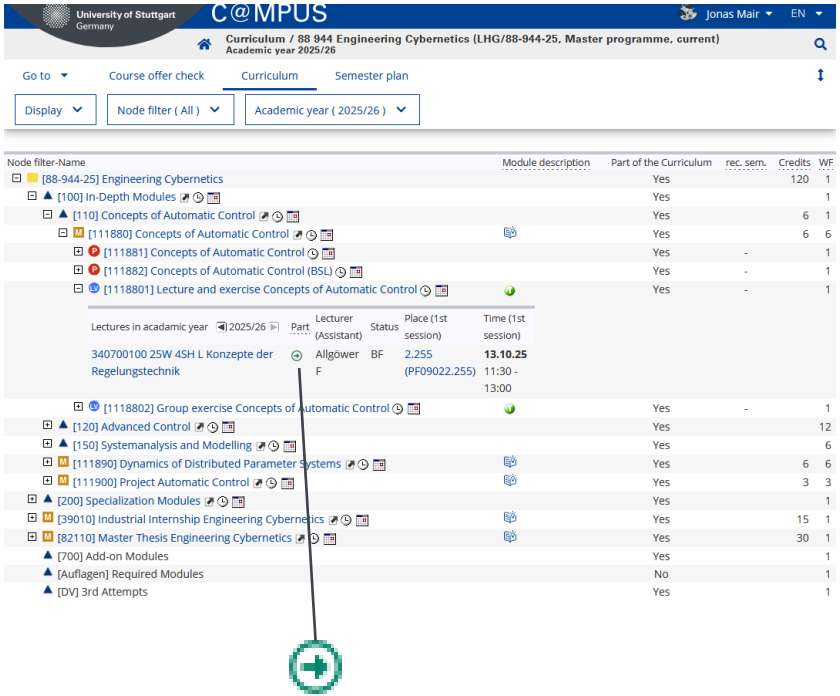
There are **four** important things you need to do every semester:

- At the start, **register for lectures**
- After a few weeks, **exam registration**
- At the end of the term, **re-registration** for the next semester (by paying semester fees)
- See **results** of exams



C@mpus
Registration for lectures

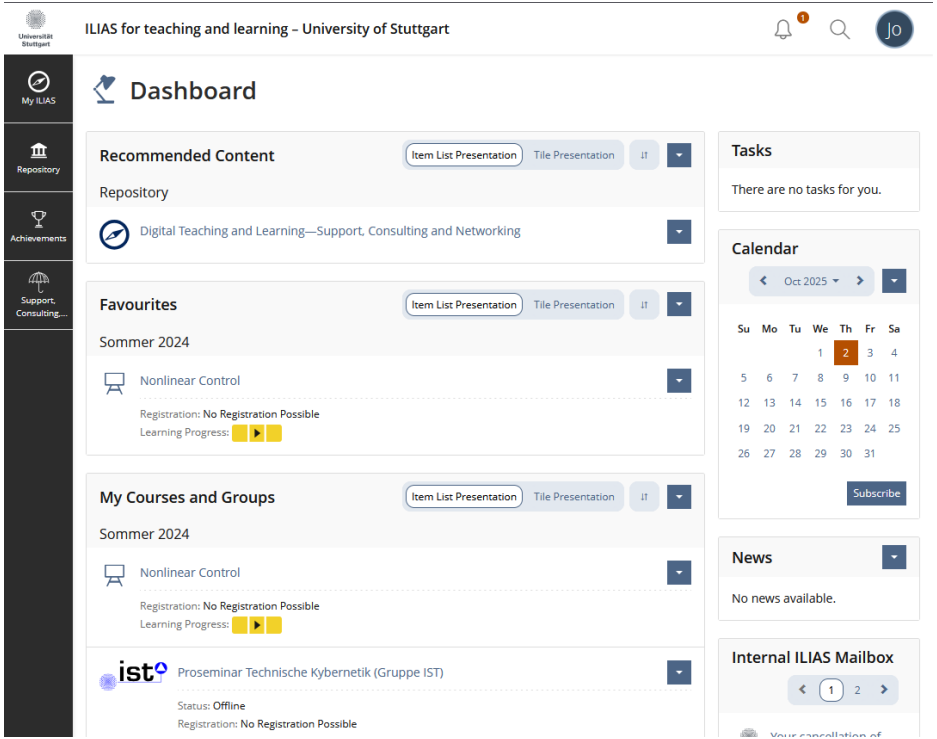
- „My study“
- „Curriculum“
- For the listed modules
  - Expand the module
  - Only expand the lecture
  - Register by clicking the green arrow
  - Confirm



ILIAS

The platform for sharing course materials

- You will need ILIAS almost daily
- You will automatically registered to your courses after registering via C@mpus (can take up to one day)
- Course Materials will be shared there
- Is often used for organising group exercises



Semester time line

Winter semester 2025/2026

Introductory week
Oct. 6 – Oct. 10

Start of lecture period
Oct. 13

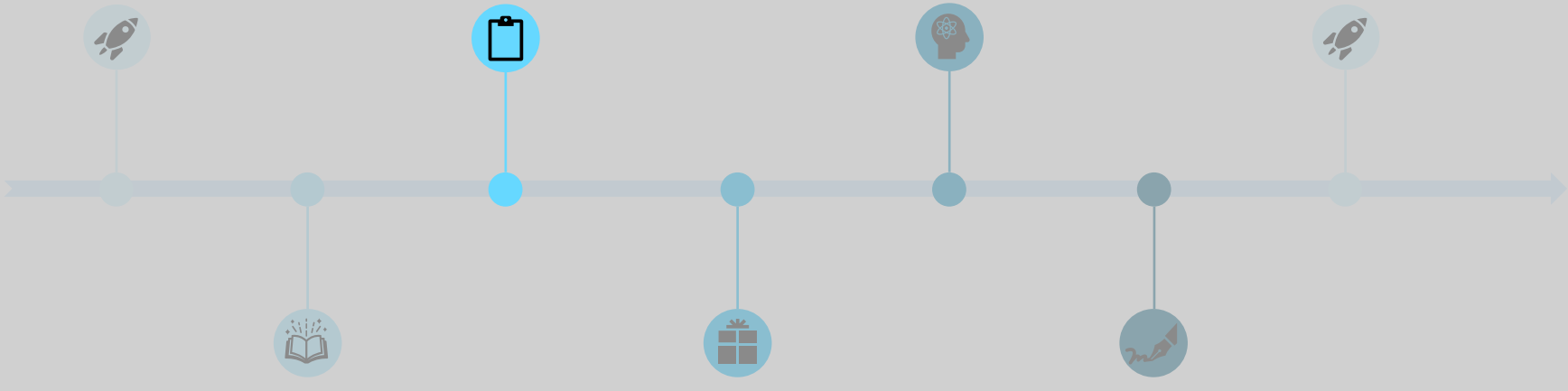
Exam registration
Nov. 12 – Dec. 3

Christmas break
Dec. 23 – Jan. 6

End of lecture period
Feb. 7

exam period
Feb. 9 – Apr. 2

Start of lecture period
Apr. 7



WS 2025/2026

C@mpus

Registration for exams

- Only in the exam registration period!
- If you miss the deadline, you need to wait for another 6 months
- You can withdraw up to 7 days before the exam (on C@mpus)

Semester time line

Winter semester 2025/2026

Introductory week
Oct. 6 – Oct. 10

Start of lecture period
Oct. 13

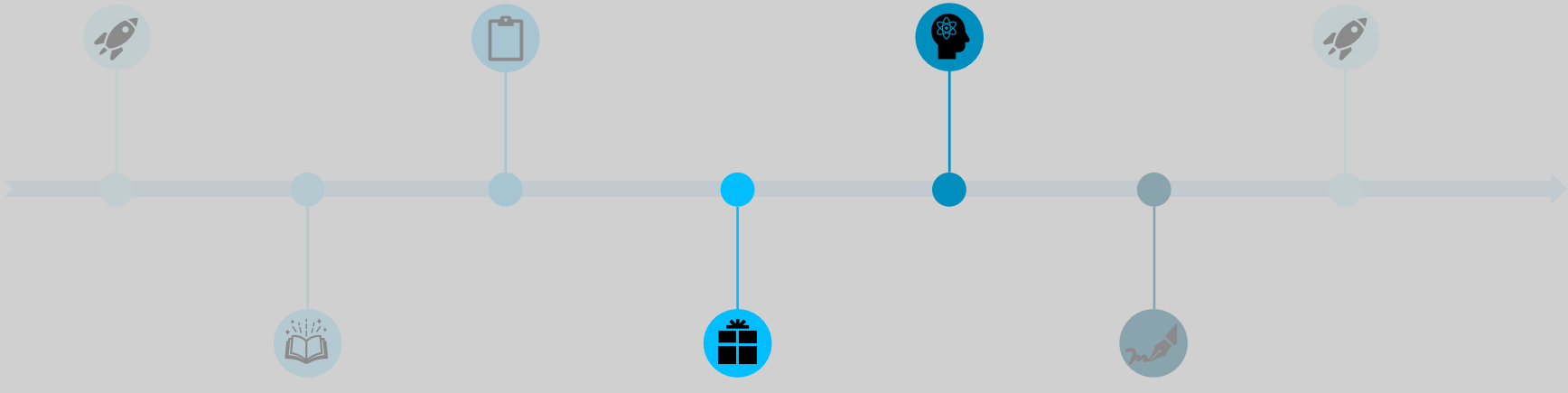
Exam registration
Nov. 12 – Dec. 3

Christmas break
Dec. 23 – Jan. 6

End of lecture period
Feb. 7

exam period
Feb. 9 – Apr. 2

Start of lecture period
Apr. 7



WS 2025/2026

Semester time line

Winter semester 2025/2026

Introductory week
Oct. 6 – Oct. 10

Start of lecture period
Oct. 13

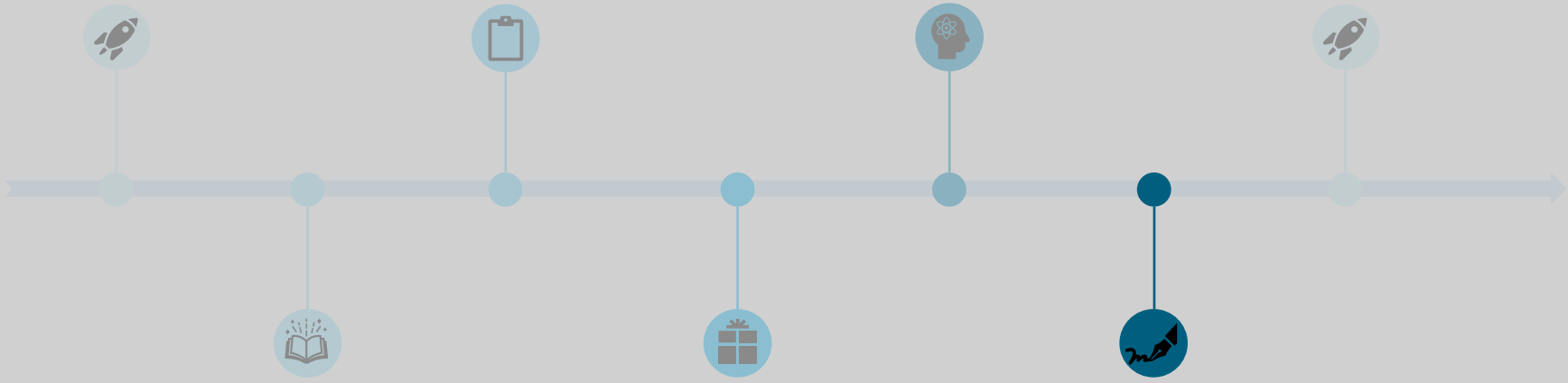
Exam registration
Nov. 12 – Dec. 3

Christmas break
Dec. 23 – Jan. 6

End of lecture period
Feb. 7

exam period
Feb. 9 – Apr. 2

Start of lecture period
Apr. 7



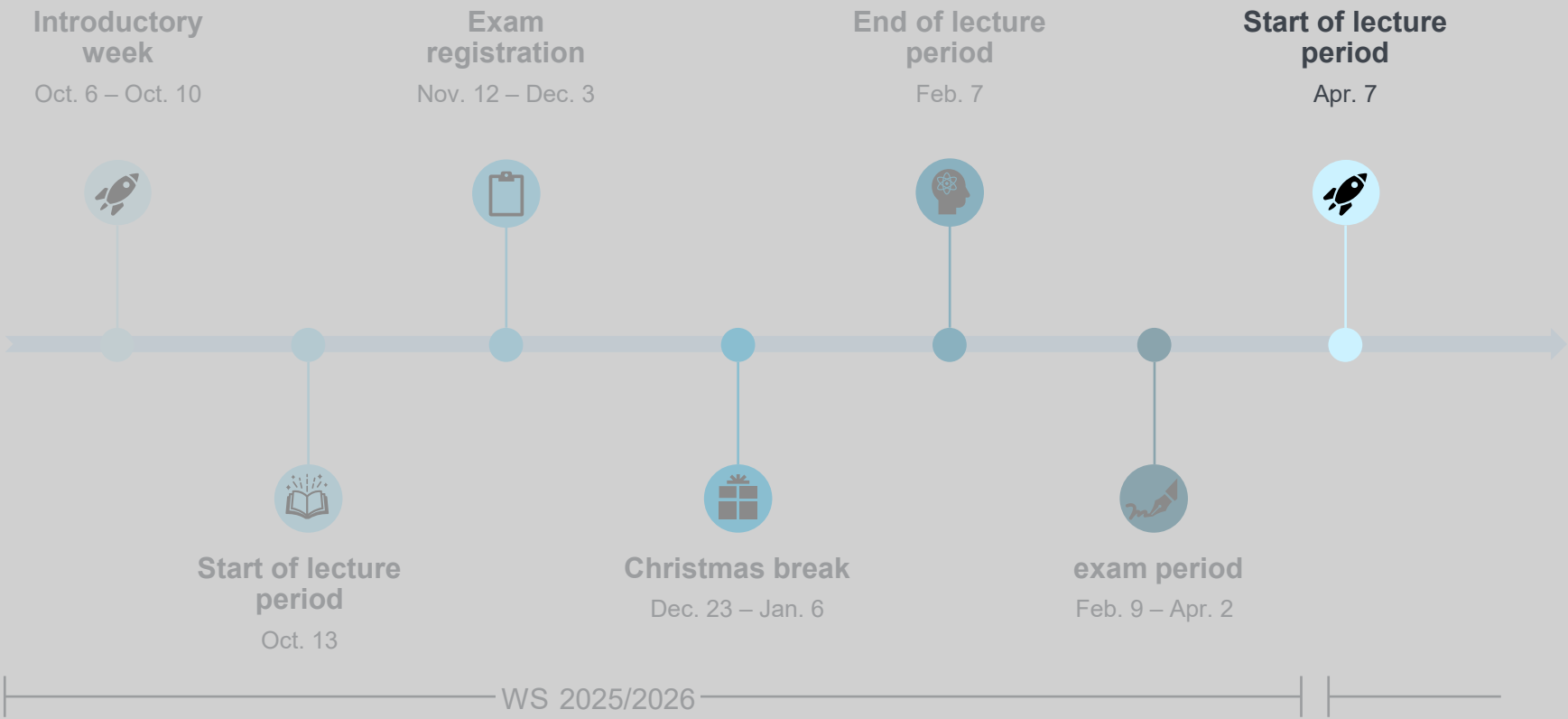
WS 2025/2026

Exam period

- You can only take part in exams you are registered for!
- Most exams are centrally organised by the examination office, therefore lecturers cannot choose the dates.
- There can be written exams and oral exams.

Semester time line

Winter semester 2025/2026



Involved Institutes

Institute for Systems Theory and Automatic Control

Prof. Dr. Frank Allgöwer

Prof. Dr. Andrea Iannelli

Institute for Adaptive Mechanical Systems

Prof. Dr. David Remy

Prof. Dr. Philipp Rothemund

Institute for Systems Dynamics

Prof. Dr. Oliver Sawodny

Prof. Dr. Cristina Tarín

Institute for Nonlinear Mechanics

Prof. Dr. Remco Leine

Institute for Diversity Studies in Engineering

Prof. Dr. Meike Tilebein

Important links

- Engineering Cybernetics Website for information about the study program
- Ilias for course materials
- Campus portal for registering for courses and exams
- Studierendenwerk for Mensa, student dorms, …
- Digital services for Wifi, Email, software, …
- International office

Contacts

Prof. Andrea Iannelli
Students Advisor

Institute for Systems Theory and Automatic Control

andrea.iannelli@ist.uni-stuttgart.de

Jonas Mair
Course Coordinator

Institute for Systems Theory and Automatic Control

jonas.mair@ist.uni-stuttgart.de