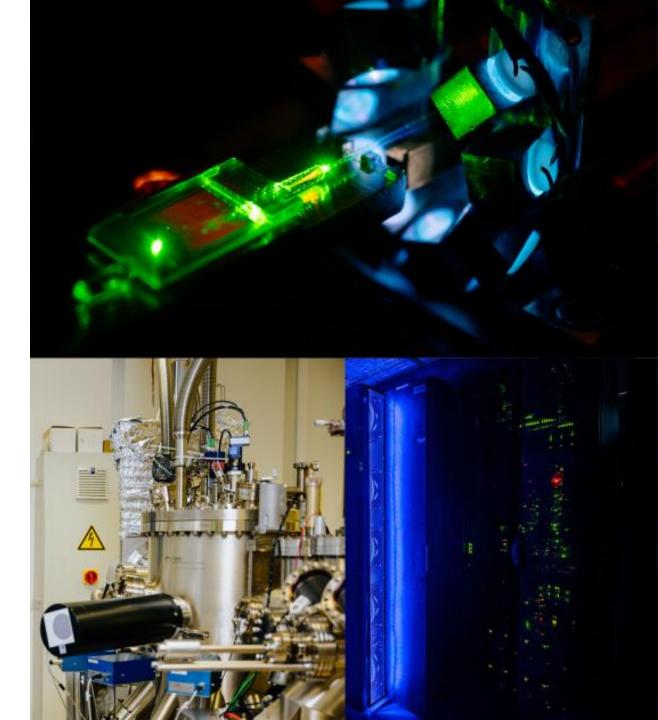




MSc Optoelectronics & Photonics

Dr. Sascha Hohmann 03 April 2024







Usually the first contact



Dr. Sascha Hohmann

Academic Councillor

Contact

Department of Physics

Coordinator - Academic Councillor Public Relations & Study Guidance

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By appointment by email





Examination Matters



Prof. Dr. Stefan Schumacher

→ Theory of Functional Photonic Structures

Contact

Affiliations

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Web: Homepage

Office Address: Warburger Str. 100

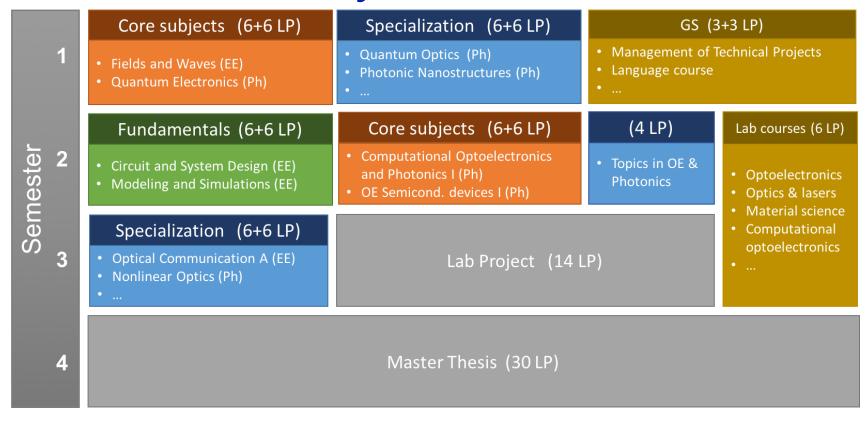
33098 Paderborn

Room: A4.234





Study plan for summer term entry

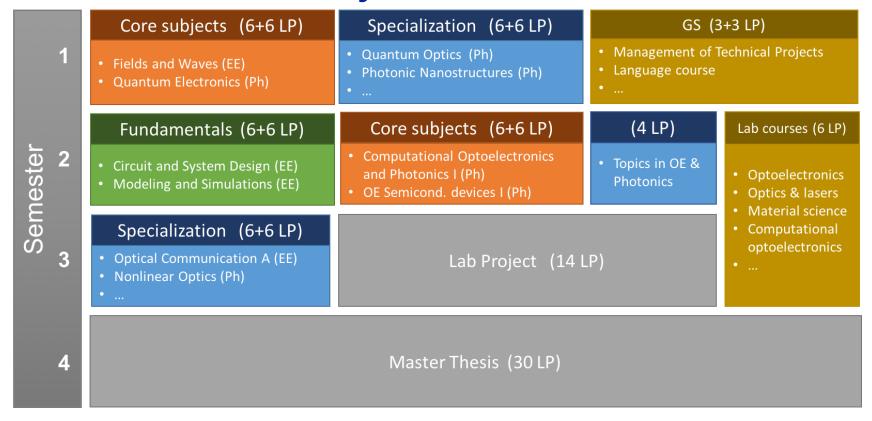


Lab Project: Extended lab work with focus on a specific subject





Study plan for summer term entry



Master Thesis: Independent research project, e.g. quantum optics, nanooptics & spectroscopy, computational photonics, optical communications, ultrafast optoelectronics, ...





Our Website: http://photonics.upb.de

e.g., examination regulations, course recommendations, ...

Module group: Fundamentals of optoe- lectronics			•	Workload (h): 180	CP : 6	Semester 1	Semester of study:		Cycle: Winter semester		
1	Module structure:										
			Course			Туре	Contact time (h)	Self-study (h)	Status (C/E)	Group size (students)	
		a) Modeling and Simulation		Lect	30	60	Compu	s. up to 240			
		b) Modeling and Simulation			Exerc	30	60	Compu	s. up to 30		
2	Options within the module										
	None										
3	Admission requirements										
	ı	Prior knowledge of programming in Matlab will be required Knowledge of mathematics and physics at the level of the university entrance qualification Information: Unless otherwise specified, these are recommendations.									
	- 1	Contents									
4	(Conte	nts								

Certified participation						
None						
Prerequisites for participation in examinations						
None						
Prerequisites for assigning credits						
The credit points are awarded after the module examination (MAP) was passed.						
Weighing for overall grade						
The module is weighted according to the number of credits (factor 1).						
Reuse in degree courses						
Module coordinator						
Prof. Dr. rer. nat. Jens Förstner						
Other notes						
Module Homepage						
Implementation						
The theoretical concepts are taught in lecture form. The exercises consist of simple questions to be discussed as well as classical mathematical problems which are to be solved by the students in self-contained manner. Further, the students will use self-written as well as commercial software for selected topics.						

→ Have a look there to check the specializations!







WhatsApp Group

→ A piece of advice: get in touch with second year students after/in class or WhatsApp



https://chat.whatsapp.com/CzVThUlrOk22RwoYtZvVwA







Electronic Campus Management System: "Paul"

paul.uni-paderborn.de

- -> sign up for courses (your choice of courses)
- -> later: sign up for exams, check your grades, ...

Always check the deadlines for registering and deregistering for exams!

Online Learning Platform: "Panda"

panda.uni-paderborn.de

- -> all classes will be in-person taught in summer term 2024
- -> additional course information and study material may be provided through Panda







Some further questions

- **── What are my login credentials for Paul and Panda?**
 - IMT login (IMT helpdesk: imt@upb.de)
- **■** Do I need to enroll for each course separately?
 - yes, you need to do that in Paul
- Where can I find more information about a particular course?
 - courses available for each term are listed in Paul
 - some general info is also given in Paul
 - more information is given at the end of the examination regulations pdf-file
 - further course information may also be available in Panda once signed up for specific courses

•••

- Do not hesitate to contact us!
- Or ask here and now ...