



MPSP AUTUMN SCHOOL 2023

WELCOME TO THE NEXT AUTUMN
SCHOOL IN:

ERLANGEN-NÜRNBERG

MAX
PLANCK
SCHOOL
of
photonics

25.09. – 29.09.2023



READ ME FIRST: DEADLINES

YOUR TO-DOS BEFORE THE AUTUMN SCHOOL

7th of
Sept.

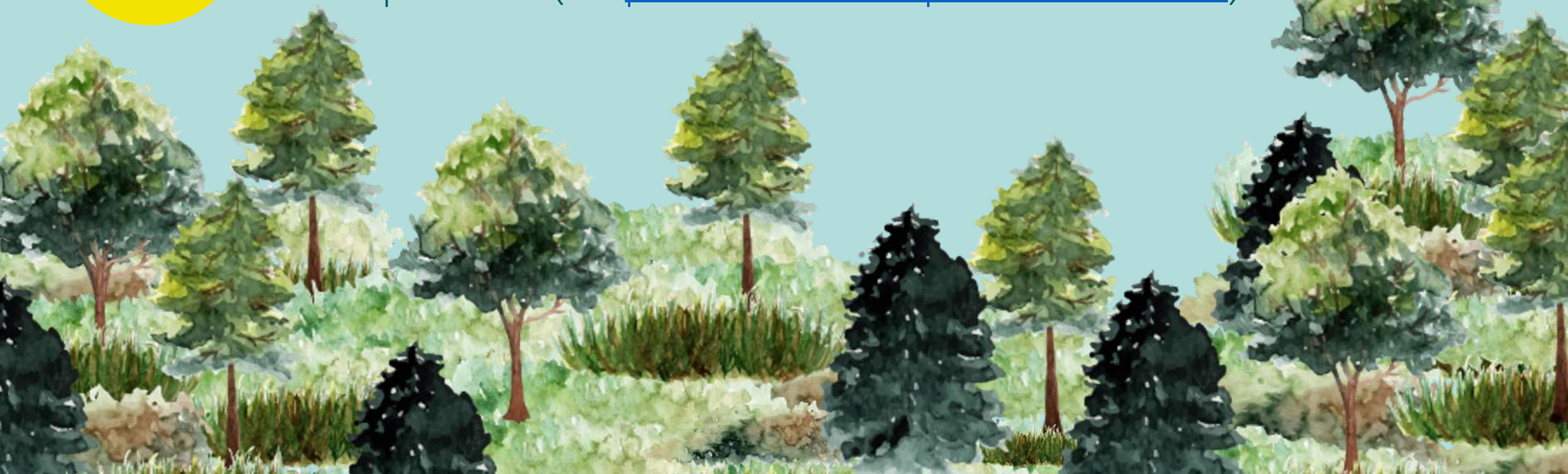
- Use [THIS FORM](#) to let us know by the 7th of September whether you can participate in the Autumn School and which agenda points you will attend. Please make sure to also select online workshop(s) you want to take part in, as places are limited here and the coaches will adapt their courses to the attendants.

14th of
Sept.

- If you can offer an INTERNSHIP for study phase candidates, submit your internship offer(s) using [THIS FORM](#) by the 14th of September.

14th of
Sept.

- If you want to make use of our “Print and Bring” service, send us your poster for the poster session by the 14th of September (to: photonics@maxplanckschools.de)



AT A GLANCE:

Online Pre-Program:

Virtual Escape Room for Intercultural Learning

PROGRAM (25.-29.09.2023):

	MONDAY, 25.09.	TUESDAY, 26.09.	WEDNESDAY, 27.09.	THURSDAY, 28.09.	FRIDAY, 29.09.
9-10 a.m.	ARRIVAL	Intercultural Training for Cohort 5	How to start your own group + grant management	BARCAMP	Lab Tours + Industry visits
10-11 a.m.					
11-12 a.m.					
12-1 p.m.					
1-2 p.m.	Lab Tours + Industry visits	Academic Writing and Publishing	How to become a good Supervisor?	LUNCH - LUNCH - LUNCH	MPSP POSTER SESSION
2-3 p.m.					
3-4 p.m.					
4-5 p.m.					
5-6 p.m.	JOINT TRAVEL TO THE HOTEL, FOLLOWED BY DINNER		SCIENTIFIC TREASURE HUNT	PHD CANDIDATE MEETING	DEPARTURE
6-7 p.m.		DINNER - DINNER - DINNER - DINNER - DINNER			
7-8 p.m.	WELCOME and CULTURE EVENING	SOCIAL EVENING	PANEL DISCUSSION: PATENTS	NETWORKING EVENING	

CLICK ON EACH BOX TO JUMP TO THE DETAILS

VIRTUAL ESCAPE ROOM FOR INTERCULTURAL LEARNING

TIME SLOTS will be individually determined among those who sign up

You've been studying or working in an international environment for a while but it still surprises you sometimes? You want to improve your soft skills in that?

Join the virtual intercultural escape room game for an interesting experience. In the escape room you will interact with students from different places and will solve tasks together as a team in order to "escape".

Apart from having fun together you will learn about first steps in intercultural collaboration which will be reflected upon in a debriefing. The play time is around 100 minutes and after a break there is the debriefing session of 80 mins. The time slots will be scheduled with those who sign up.

You want to know, what is expecting you?

Of course, we can not spoil the event but here is a little teaser video for you:

<https://youtu.be/5djlu1jsfqk>

You can sign up under the registration link.





MPSP AUTUMN SCHOOL PROGRAM

MON 25.09. – FRI 29.09.2022

Time to meet again for the Autumn School
close to Erlangen!

LOCATION VISIT IN ERLANGEN

MONDAY, 25.09., at 13:00 & FRIDAY, 29.09., at 9:00

On Monday and Friday we will have a little location visit in Erlangen. We start with a talk by Prof. Peter Hommelhoff, one of our FAU fellows.

You will also have the chance to visit his labs, as well as the labs of Hanieh Fattahi, Birgit Stiller, Bernhard Schmauss, and Maria Chekhova.

Additionally we will have a tour of the Bavarian Laser Center. Don't miss this chance to get an insight into the fascinating research at our partner institutions!



WELCOME & CULTURE EVENING

MONDAY, 25.09., at 19:00

Let's get started! After our arrival to the hotel in Nürnberg and having dinner, we are going to guide you through the program and what to expect.

SHOW YOUR PASSION & CULTURE!

After a short welcome and an outlook on the program of this year's Autumn School, we will start our culture evening. Where you and your culture, hobbies and passions are in the focus.

We would like to create a kind of cultural market where you can represent your home country and/or your passions. This can be with food, dances, music and pictures and much more. You have an extraordinary hobby and want to share it with us? Then feel free to prepare something! We are happy about every contribution that shows how colorful and diverse we are! Please fill in [this form](#), when you want to be an active part of our culture evening!



As usual, there will be a lot of fun opportunities for socializing with each other, our Fellows & Alumni and guests invited for some of our workshops and events during the week.

We are looking forward to having a great week with you again in the Autumn School!

INTERCULTURAL TRAINING

TUESDAY, 25.09., at 9:00

– for the 5th Cohort

Academia and industry increasingly act on a global scale. How nice, if this brings together the knowledge and competencies of people of different background and facilitates synergies. But intercultural communication leads often to typical misunderstandings or even conflicts which could be avoided.

Therefore intercultural competence forms an important key qualification. It strengthens the awareness of cultural differences and helps to reflect or, if necessary, to correct **one's** own perceptions and patterns of action. Intercultural differences can thus be bridged and a basis for an improved collaboration develops.

A glimpse into the contents:

Effective communication: Relation between culture and language

The power of stereotypes: Self-perception & the perception of others

Personal competence: Encountering culture as a way to personal development

Symptoms: Cultural shock and adjustment

Strategy development: Dealing with misunderstandings and conflicts



ACADEMIC WRITING AND PUBLISHING

TUESDAY, 26.09., at 9:00

For many scientists writing and publishing is the most difficult part of research work. Poor structure, breakneck formulations and unclear argumentation lead to texts which are not too user friendly. However, for the success of academics it is essential that the content is successfully conveyed to the relevant target groups – from the subject community to the wider public.

In this workshop the process of academic writing and publishing is highlighted from the first idea through the structuring and formation of the text to its completion and publication. The participants engage with the content related, formal and organisational aspects of writing and train their text competency with exercises.



SUPERVISION OF STUDENTS (& DOCTORAL CANDIDATES)

TUESDAY, 26.09., at 9:00

The supervision of bachelor students, master students (and PhD candidates) is a challenge, an opportunity and a privilege all at once. But how to ensure productive supervision?

In this workshop, participants deal with their individual circumstances of supervision and advice. Through exercises they will familiarize themselves with established techniques for supervising students and doctoral candidates and train their skills of communication with regard to good and co-operative supervision and advice. The workshop contents in detail are as follows:

- Basics of supervision
- Varieties of supervision
- Supervision – yes or no?
- Managing expectations and supervision agreements
- Nothing is achieved without discussion
- When the going gets tough:
- From finding a topic to the final phase – all to plan?
- Supervision of students (and doctoral candidates)



HOW TO START YOUR OWN GROUP GRANT MANAGEMENT

TUESDAY & WEDNESDAY, 26. & 27.09., at 9:00

A successful scientific career is what you are dreaming of? Then this workshop is the right choice for you.

Scientists need to develop advanced tools and skills to lead international teams and manage scientific projects. Important factors in performance are professional strategies, management, leadership, supervision and communication and conflict management.

A balanced and structured program of interactive lectures, challenging activities outside of the “**comfort zone**” and review sessions will provide a variety of first-hand learning situations allowing participants to identify and take away relevant lessons.



STARTING YOUR PhD

WEDNESDAY, 27.09., at 9:00

During the initial phase of their doctoral studies, participants will learn in this one-day workshop strategies for their personal productivity in challenging work contexts. The focus is on self-reliant conscious self-organization and self-motivation within the framework of their doctoral process.

Aspects of an individually designed work-life balance will also be discussed in the workshop, as they are important for the sustainable personal productivity and resilience of the doctoral candidates are significant.

For productive self-direction in one's own research work, it is also important to have an interesting professional goal vision that motivates a motivate them in their daily work; therefore, all participants should reflect on their professional

From the contents of the workshop - Best practices for personal productivity and resilience

- Self-motivation and self-management in research work
- Personal productivity with focus times (4-A model, setting and process)
- Agile working (rolling planning, working with milestones / in sprints)
- Personal resilience and work-life balance in science
- Reflecting and changing own work and stress patterns
- Boundary management: dealing with disturbances in the work context
- Ownership, self-worth and value in work and life design



PRESENTATION WORKSHOP

WEDNESDAY, 27.09., at 9:00

Nobody likes scientific presentations where the slides or the poster have too much text, three different fonts, small plots with poor contrast and no legend... and yet we still see them so often at conferences.

But how to prepare your slides to make an impression? How to prepare an award-winning poster? The graphical side of scientific presentation is an important, yet underrated topic.

This workshop will offer some tips and tricks to improve your slides and posters to help you with getting your ideas across to the scientific community.



BIAS AWARENESS: STRATEGIES TO CHANGE THOUGHT PATTERNS

WEDNESDAY, 27.09., at 9:00

It has been shown that a diverse research group supports the creativity and innovation in the science they do. Germany takes a lot of initiative to increase the diversity, so it might seem that the problem is solved. But if you ask people from the minority groups they probably don't think so.

We are all influenced by our culture, background and experience. We are all biased to think that where we come from is the "normal". That is normal. However, it would be a pity to limit our potential in scientific endeavors because of that. The way to go is to be aware that this is happening - learn to be aware of your own bias, to avoid falling into the same old patterns, to be a part of a welcoming environment.



SCIENTIFIC TREASURE HUNT

WEDNESDAY, 27.09., at 16:30

The German language has this funny term "Schnitzeljagd" but you probably know it as a treasure hunt. We will not be hunting Schnitzels but the winner will receive a special price!

What can you do to get it? Form a team of 4-6 people, get ready to complete the track and correctly solve all the tricky tasks along the way. Have your eyes and ears open from the beginning of the Autumn School and perhaps you'll find some hints.



PATENTS: WHAT, HOW AND WHAT FOR?

WEDNESDAY, 27.09., at 19:00

PODIUM
DISCUSSION

Presenter:

Simon Borger, Patent attorney

Sonnenberg Harrison Partnerschaft mbB - Patent- und Rechtsanwaltskanzlei, Berlin

Moderator:

Claus Roll, Director, Europe, Optica

Our speaker will introduce the notion of **Intellectual Property Rights (IPRs)**, such as patents, in the context of working in research institutions and companies.

One of the main challenges is to raise awareness of the usefulness of patents. The presentation will provide insights in what are the foundations of a patent, what a patent stands for and how to use it.

Another purpose of this presentation is to show **how to benefit of integrating patent writing into the research process**, by dealing with publishing your research in parallel to writing a patent application, or at least to establish synergies between these two processes. **The presentation will be followed by an open discussion with the audience.**

The propose of this workshop will be to inform the audience about the usefulness of patents, how to enter in this “**complicated**” and unusual matter, and how to benefit individually, but also as an organization or a company of including patents, patent writing and patent applications in your workflow.



BARCAMP

THURSDAY, 28.09., 09:00 – 13:00

When skilled people come together, they find good topics to discuss on a high level very easily. That's the idea of a "BarCamp" - a format in which topics can be discussed without the narrow frame or static setting of a panel discussion or workshop.

And the best: Multiple topics can be discussed in parallel, completely upon the wishes of the participants! Therefore, YOU can propose a topic you want to discuss with your peers.

All of them are in close vicinity to each other like islands and participants can wander around to join the discussions they are interested in.

For now:

What do you want to talk about? It can be almost anything! How about the quality of your supervision? Or the stability of phase retrieval algorithms? Or perspectives for careers in academia? Perhaps the review process in scientific publishing? Or how you would envision your ideal MPSP program? Go ahead, just say it! Now is the time to propose topics, just fill out

[this form.](#)



THE POSTER SESSION

THURSDAY, 28.09., 14:00 – 16:00

As in the previous years, you will again have the chance to exchange ideas on your research in a poster session. All research phase candidates as well as senior study phase candidates are expected to prepare a poster about a current research project. If you would like to use our "Print and Bring" service, please send us your poster with the following criteria by **14:00 14.09.2023 (Thursday)** to the photonics@maxplanckschools.de email.

- Format: A0
- File type: pdf, tif or jpg
- Make sure it is good quality
- File size: max. 10Mb

On the Virtual Campus you will also find MPSP templates for your poster design in PPT, which you are welcome to use.



ALUMNI / NETWORKING EVENING

THURSDAY, 28.09., 19:00

Thursday evening is dedicated to networking, hopefully with some special guests - our Alumni. They can share their experience of running the last mile of a PhD and deciding what to do next. You can share your wishes of what the MPSP Alumni network should be like and how we can help to maintain an active community.



MPSP TRAVEL EXPENSES

WHAT TO DO SO THAT WE CAN PAY FOR YOU

BEFORE THE TRAVEL

Always hand in a Business Travel Request at your employer or University.
For **Study Phase** candidates, we will arrange and pay the booking, **Research Phase** candidates will be reimbursed after the event.

Do you have a contract of employment*
with the FSU Jena (Staat Thüringen)?

*also Hiwi and/or Part-time Contract!

YES

- **PhD candidates:** use the „Reisekosten-portal“ of the FSU Jena and/or the procedure required in your institute to submit a travel expense request
- **Hiwis:** use the form downloadable from the Virtual Campus
- Use the cost center (Kostenstelle) **070120-01**
- Do it at least 2 weeks before the travel

NO

- Hand in a Business Travel request at your workplace / institute
- You'll have a guest status at the FSU



MPSP TRAVEL EXPENSES

WHAT TO DO SO THAT WE CAN PAY FOR YOU

AFTER THE TRAVEL

WHEN?

- You have a maximum of 3 months to hand in your Travel Expense Request, but the FSU Administration usually needs 6-8 weeks to process the requests, so please do it as soon as possible after the travel

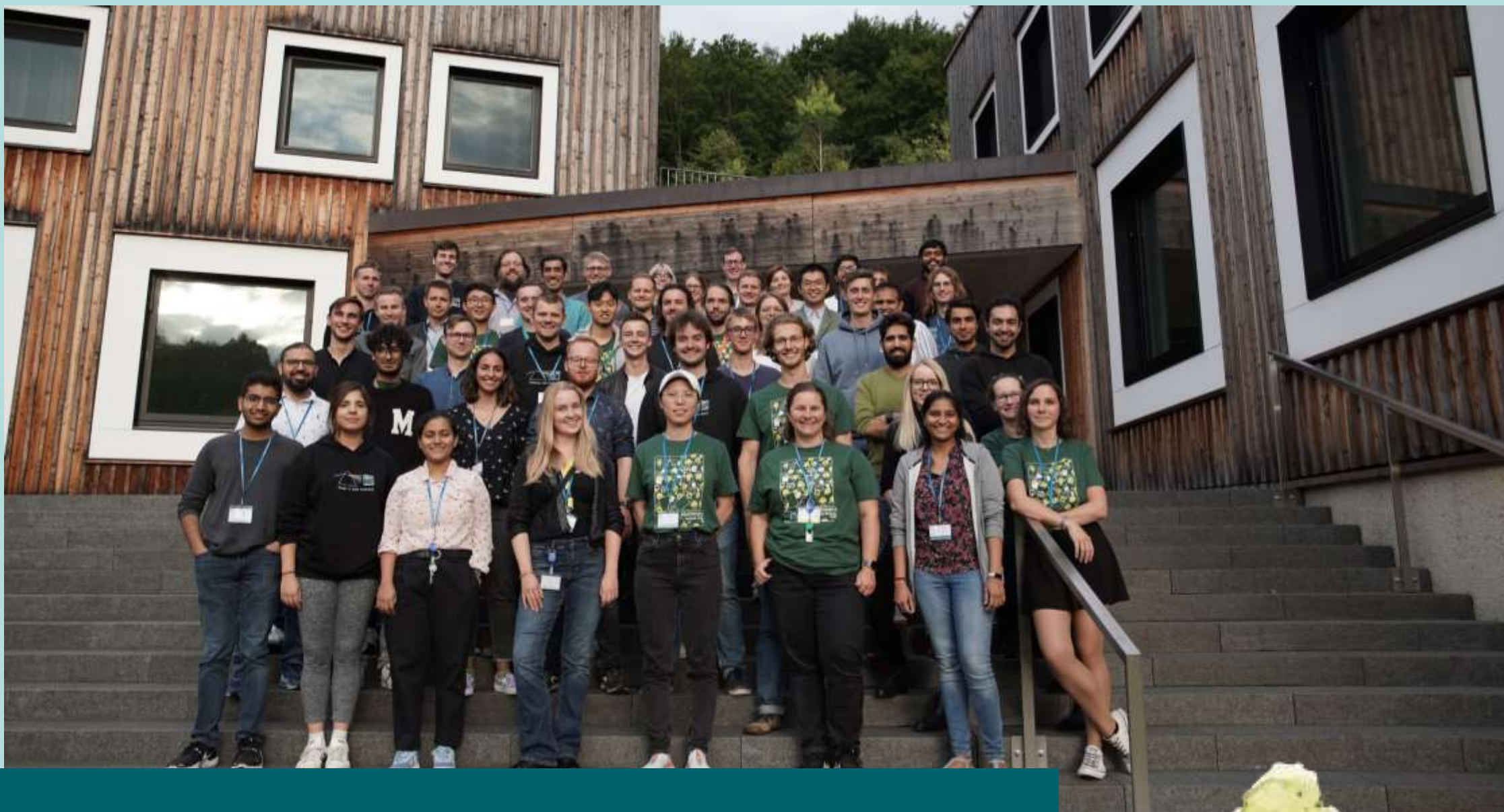
WHAT TO
HAND IN?

- You are going to get informed in an email after the Autumn School, due to the frequent changes in the FSU processes, to ensure you have the latest info

WHAT WE
PAY

- Accommodation
- Travel (Train tickets: 2nd Class / own car: 0,2 €/km / Taxi: only when it is properly justified; Parking fee)
- Food is NOT reimbursed; if the event is fully catered, no daily allowance is granted

You can find detailed information about Business Travels and the downloadable Forms to use on our Virtual Campus under MPSP Office/General Administrative Resources/Business Travel



SEE YOU AT THE MPSP AUTUMN SCHOOL!

Any questions regarding the
program? Just email
photonics@maxplanckschools.de

PLEASE
REGISTER BY
7th of
September
2023

