

FRAUNHOFER-INSTITUTE FOR APPLIED OPTICS AND PRECISION ENGINEERING IOF

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"Photonics Days Jena 2022": Register now for the career and networking event

Jena (Germany)

With the "Photonics Days Jena", the Fraunhofer Institute for Applied Optics and Precision Engineering IOF and the Max Planck School of Photonics are once again inviting students and doctoral candidates to their international career and networking event from October 5 to 6, 2022. The deadline for registration is September 25. Participation is free of charge and possible both virtually and in person in Jena.

In order to promote young talents and thus innovations in the fields of optics and photonics, Fraunhofer IOF together with the Graduate School Max Planck School of Photonics is again hosting the "Photonics Days Jena" this year: an international networking and career event for students and doctoral candidates.

From October 5 to 6, the organizers invite you to network with an international community and representatives of renowned companies at this hybrid event. In addition to professional exchange, the focus will be on career orientation and the provision of valuable contacts for one's own professional career. But the acquisition of scientific skills will not be neglected either.

#explore: Discovering the future of optics and (quantum) photonics

Under the motto #explore, a varied program awaits participants on the very first day of the event. In the lecture series "Photonics4Future", researchers will present various photonic future markets. This year's focus will be on quantum technologies: Lectures on high-security quantum communication for digital democracy and on hardware development for quantum computers offer participants insights into exciting future fields of photonics. The question of how the latest sensor technology can improve the chances of curing cancer will also be examined in a lecture. A Makeathon invites participants to get creative together and implement a small tech project.

In her keynote lecture on "Miniaturization of optics - where does this journey go?", scientist and entrepreneur Dr. Ruth Houbertz will address the challenges of continuous miniaturization of optics, which at the same time must meet the highest quality requirements. The talk will highlight the limits of existing processes and provide an overview of prospects, applications and markets for miniaturized optics.

Editorial Notes

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The presentation of the [“Applied Photonics Award”](#), the Fraunhofer IOF's young talent award for innovative theses, as well as an evening program for all in-person participants in Jena will round off the first day of the event in an atmospheric way.

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#engage: Be active and shape your own career with strong partners

The second day of the event will again focus on individual career planning and active networking. At the "Industry Breakfast", participants will be given the chance to initiate valuable contacts with established companies from the optics and photonics industry. Throughout the day, a career fair will also offer the opportunity to talk to interesting companies in the optics and photonics industry to find out about possibilities for internships, theses, or specific job offers. The fair is organized in cooperation with OPTICA (formerly: The Optical Society).

At the same time, virtual sessions will address career-relevant topics such as intercultural competence, as well as personal development areas such as mindfulness or sustainability. In a panel discussion, representatives from industry and research will also debate equal opportunities and diversity in science.

Workshops on topics such as academic writing, presenting one's own research results, and the use of social media in scientific communication will provide further depth to the program and pursue the goal of promoting the scientific excellence of young researchers.

For further details and the complete program, please visit:
<https://www.photonicsdays.de/programm/>.

Free registration until September 25, 2022

Registrations for the hybrid "Photonics Days Jena" are open until September 25. Participation is free of charge. Students and doctoral candidates are eligible to participate. The event language is English. Further information is available at www.photonicsdays.de and photonics.days@iof.fraunhofer.de.

#PD2022 - The “Photonics Days Jena” on Social Media

Stay up to date about the event on social media – with the hashtag #PD2022 as well as our Twitter channel: [@PhotonicsDays](https://twitter.com/PhotonicsDays).

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Become a partner of the "Photonics Day Jena 2022"

The "Photonics Day Jena 2022" are supported by the following partners. Are you also interested in using our event as a platform to meet potential new employees? Then contact us via: photonics.days@iof.fraunhofer.de. We will be happy to advise you on your options as a sponsor!

