QUICK FACTS
LASERS AND PHOTONICS (LAP)

INTERDISCIPLINARY
LAP combines mechanical and electrical engineering with information technology and physics.

PARTICIPATION
Take part in state-of-the-art research from the very beginning and participate in high-ranking publications!

COLLABORATION
Visit our research partners around the world.

“Lasers and Photonics” is a new (started in 2011) international research-oriented master programme at the Ruhr-Universität Bochum. It is an interdisciplinary programme and is organized by the Faculty of Electrical Engineering and Information Technology together with the Faculty of Mechanical Engineering, supported (in teaching and projects) by the Faculty of Physics and Astronomy and the Faculty of Chemistry and Biochemistry.

The four officers of the SPIE student chapter look forward to welcoming you in Bochum.

Fakultät für Elektrotechnik und Informationstechnik

Are you interested in LAP and have a BSc in an engineering discipline, Physics or a related subject? - Check out our website for more information!

http://www.ei.rub.de/studium/lap
JOIN OUR MASTER PROGRAMME
PROFESSIONAL AND FOCUSED

Ruhr-Universität Bochum (RUB), Germany, offers the international Master programme “Lasers and Photonics”. The programme’s highly interdisciplinary subjects in the field of optics, lasers and photonics offer a wide range of interesting topics concerning both current research and a vast range of commercial products and applications. In addition to the fundamental courses in these fields, the programme offers hands on lab projects in modern, well equipped laser laboratories, international conference participations and projects with international collaborators.

Do you want to get started right away?

1. Fill out the indication of interest under www.ei.rub.de/lap/interest
2. Apply for the Master LAP at the international office of the Ruhr-Universität under www.international.rub.de/intoff
3. When letter of admission is granted, get a visa, come to Germany and enrol!

If you have any further questions or concerns, please do not hesitate to contact our student adviser Biljana Cubaleska.
Email: studienberatung@ei.rub.de
Phone: +49 (0)234 32-29474

CONTACT

WHY STUDY
LAP IN BOCHUM

I particularly like the fact that the programme is interdisciplinary, open, and flexible. We have a wide choice of subjects to choose from, so you are able to customise your own degree programme. Excellent supervision and practical projects make this a very interesting and versatile degree programme with lots of research opportunities and huge future potential.
Jan S. Hoppius, Germany

I decided to study LAP because I see great future opportunities coming up in this field. I like everything related to light and the way it interacts with matter. The professors from the study programme are not only experienced but they have also great personalities. They are open to new ideas and have good contact to the students. Since it’s a new programme and we are not so numerous as in other programmes, we have a higher probability to find better opportunities in our future. I am very happy with my decision and I would recommend it to anyone who likes these kinds of topics.
Cesar Garza, Mexico

IN THE HEART OF EUROPE
RUHR-UNIVERSITÄT BOCHUM

Located in the midst of the dynamic, hospitable metropolitan area of the Ruhr, in the heart of Europe, the Ruhr-Universität Bochum (RUB) with its 20 faculties, RUB’s disciplinary institutional units, is home to 5,000 employees and over 36,500 students from 130 countries. All great scientific disciplines are united on one compact campus.

Ruhr-Universität Bochum is an international university. It cooperates with other universities and research institutes throughout the world in the areas of research and teaching. Members of all departments are involved in international research networks and maintain an intensive international exchange.

More than 4,500 international students from 130 countries are currently studying at RUB, and approx. 450 of these are doctoral researchers. The university also welcomes several hundred international researchers each year. About 400 exchange students spend time at RUB every year and just as many RUB students complete parts of their degree abroad.

On the cover:
Work with a Titanium-Sapphire Laser set-up.

Top Tip
SPIE is the international society for optics and photonics. Serving approximately 180,000 constituents from more than 170 countries, the society advances light-based technologies. The SPIE student chapter in Bochum is one of 194 student chapters with more than 4,500 members in 40 countries. The chapter in Bochum currently holds about 15 students who organise optics and photonics related workshops and field trips to companies in this field. Visit us at www.spiechapter.rub.de

Registration of Interest
www.ei.rub.de/lap/interest
International Office
www.international.rub.de/intoff