

CLASS 5 PHOTONICS GMBH CAREERS JOB DESCRIPTION

PROJECT LEADER: EUV & SXR TECHNOLOGY

Class 5 Photonics produces award-winning ultrafast lasers with an experienced team in ultrafast lasers and EUV & SXR technology and applications with a worldwide customer base. As part of our motivated team, you will get the opportunity to develop the most advanced extreme ultraviolet (EUV) and soft-X-ray (SXR) sources and beamlines as well as innovative applications, such as EUV imaging, interferometric techniques, and attosecond physics. Join our young and professional working atmosphere and be part of our success story. Take responsibility for autonomous and creative work while keeping a focus on clear targets as a project leader in EUV & SXR technology.

YOUR RESPONSIBILITIES

- Design, construct, produce, test and install products and customer-specific EUV/SXR sources based on higher-harmonic generation (HHG), EUV/SXR beamlines, including EUV/SXR optical design, mechanical engineering, vacuum technology, opto-electronic engineering; and advanced measurement techniques, such as EUV/SXR spectroscopy and photo-electron spectroscopy
- Work with high-power femtosecond lasers from the ultraviolet to mid-infrared spectral range
- Develop new components and solutions based on simulations and experimental tests
- Manage your project budgets, timelines, resources and work closely with our experienced management team
- Work closely with our worldwide customers to discuss new product solutions and services
- Support our customers via remote or on-site services

WHO ARE WE LOOKING FOR

- You have successfully received a PhD or Master's degree from an university or technical college in the field of photonics, physics, physical science, life science or chemistry
- At least three years of professional working experience as a post-doc in the field of HHG EUV or SXR technology
- Practical experience in HHG, EUV/SXR optical design, mechanical engineering, vacuum technology, opto-electronic engineering; and advanced measurement techniques, such as EUV/SXR spectroscopy or photo-electron spectroscopy
- Experience with high-power, ultrashort pulse laser systems
- Team leading and project/budget management experience
- You are skilled in CAD, electrical engineering, programming and data processing
- A high level of working autonomy and flexibility and the willingness to take responsibility
- Willingness to travel

OUR OFFER

- Take early responsibility in a young and fast-growing laser company and develop your management skills
- Most innovative laser and EUV/SXR technologies and exciting international customers
- Be a vital part of a fast-moving company and help develop new processes that help us to scale up and grow even faster and further.
- Flexible working times and vacation

PLEASE CONTACT US: CAREERS@CLASS5PHOTONICS.COM

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