

Working in photonics – PicoQuant

October 27, Berlin Mario Gerecke

PicoQuant GmbH



Our location



Technology Park Adlershof

The Brandenburg Gate

The PicoQuant Team



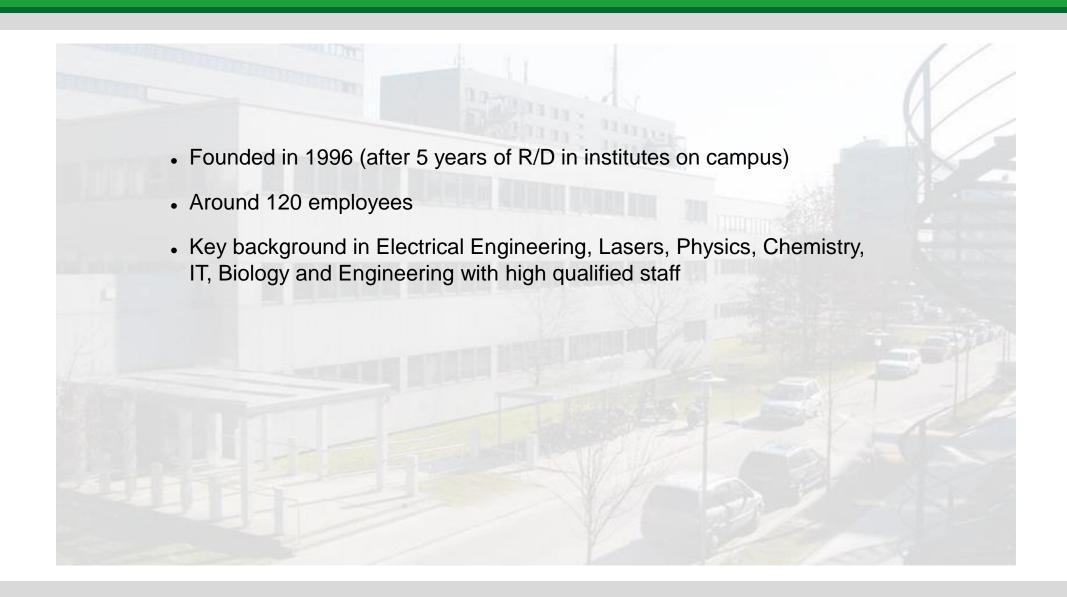
Pulsed Diode Lasers

Time-resolved Confocal Microscopes & LSM upgrade kits

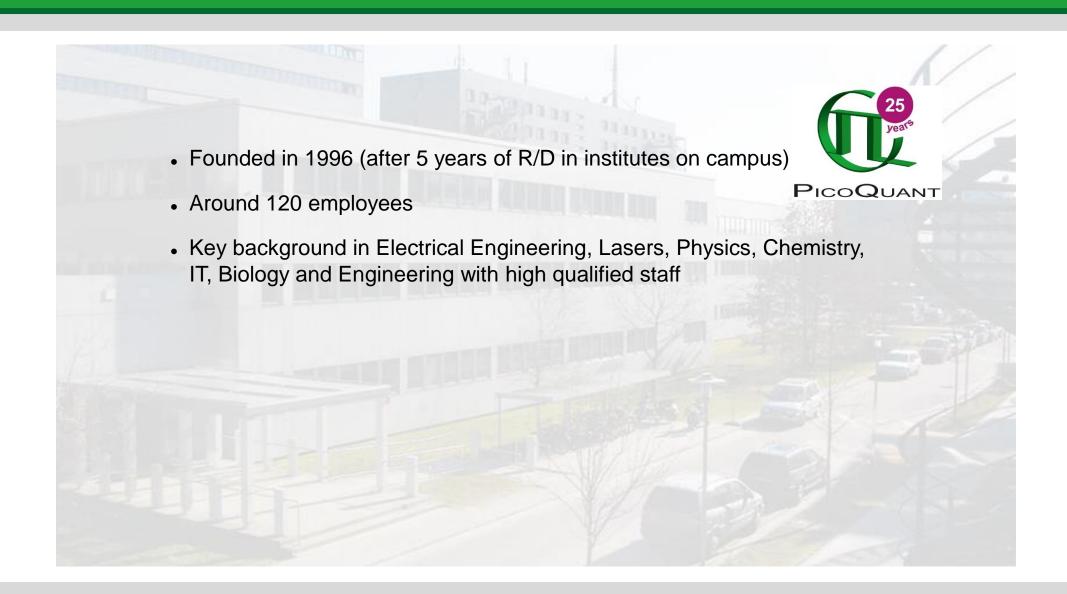
Fluorescence Lifetime Spectrometers

Photon Counting Instrumentation

PicoQuant Group



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Portfolio

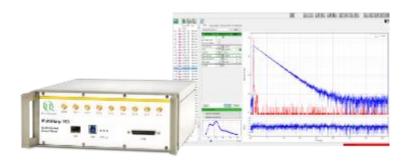




Pulsed Diode Lasers

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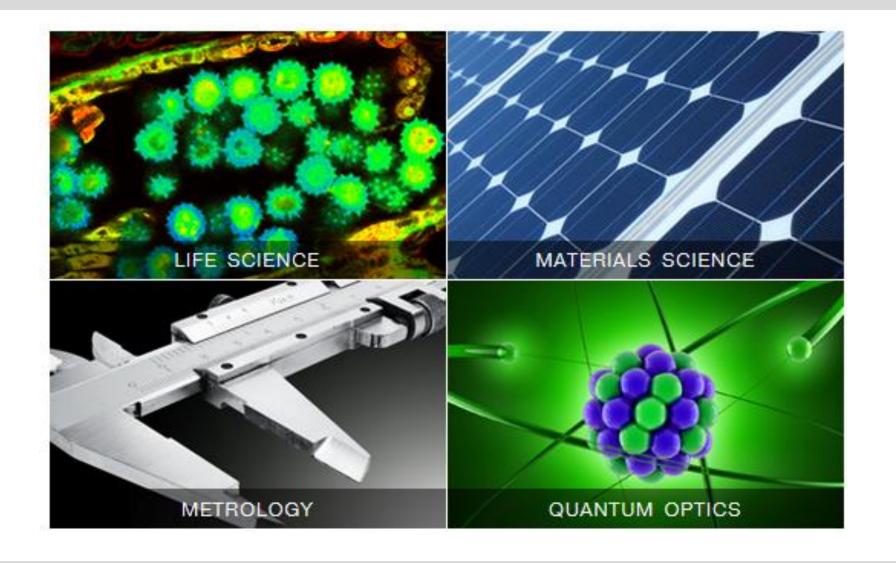


Photon Counting Instrumentation



Fluorescence Lifetime Spectrometers

Key expertise and applications



- 2008 2013 Chemistry studies at Humboldt University Berlin
 - Specialization on Physical Chemistry
 - > Student coworker for (research&) teaching: Thermodynamics
 - > Diploma thesis: fs solvation dynamics near phosholipid bilayers



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- From 2017: Scientific coworker in sales department
 - Both sales & application specialist
 - Responsible for demo stock
- From 2021: Team leader sales & application specialists for lasers & TCSPC



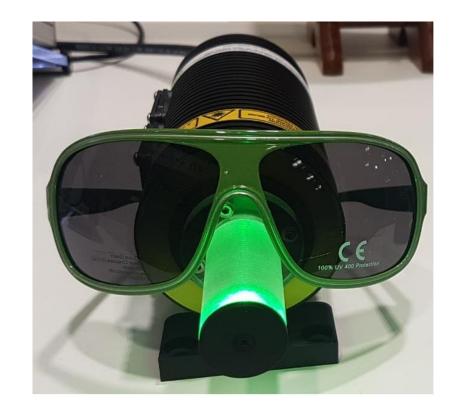
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Sales & Application specialist at PicoQuant

- Answering emails and requests from customers
 - Customers = Professors, Post-docs, PhD student, developpers in companies
 - Discussing planned applications and setups on very high level
 - Calls via phone/zoom/Skype
 - Advising resellers
 - (No persuasions, no cold calling, etc)
 - \rightarrow >75% office / home office
- Customer visits
- Exhibitions and conferences
- Intersections to:
 - Production, shipping, support
 - Marketing, Product management
 - > development



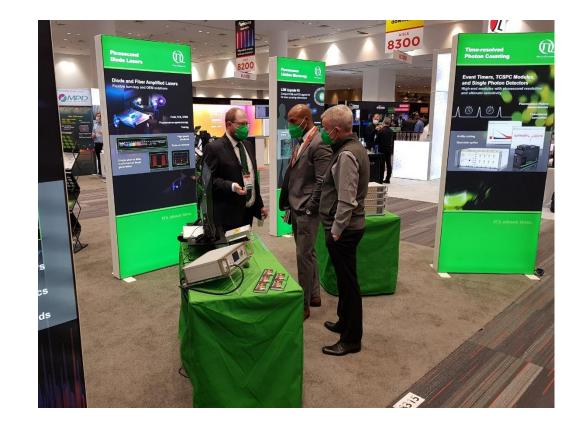


CLEO San José 2018

Exhibitions and conferences







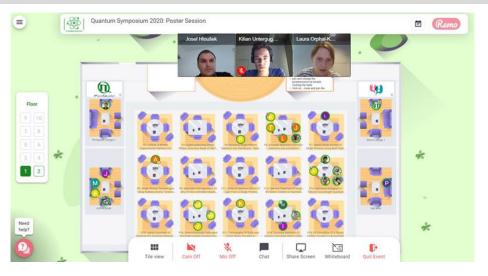
Exhibitions and conferences

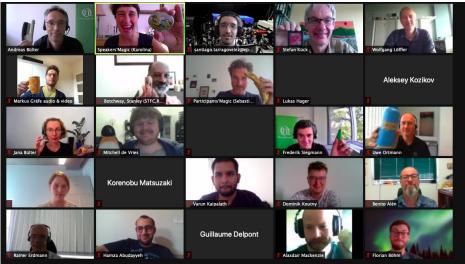




Laser – World of Photonics, Munich 2022

Lock down- webinars & online events







PicoQuants Annual Events Worldwide

September Berlin, Germany	International Workshop on "Single Molecule Spectroscopy and Super-resolution Microscopy in the Life Sciences"	
November Berlin, Germany	European Short Course on "Principles and Applications of Time-resolved Fluorescence Spectroscopy"	practical sessions
February/March Berlin, Germany	European Short Course on "Time-resolved Microscopy and Correlation Spectroscopy"	practical sessions
May/June Berlin, Germany	International Symposium on "Single Photon based Quantum Technologies"	
February/September Berlin, Germany	SymPhoTime Training Day	hands-on/ demo
throughout the year worldwide	"Science in your lab", Series of events organized by PicoQuant along with a local research institute or distributor	hands-on/ demo
January/February San Francisco, US	Young Investigator Award, BiOS Conference on "Single Molecule Spectroscopy and Superresolution Imaging" (SPIE)	

Team leader in sales & application

- Responsible for tasks assigned to the team
 - > 5 team members
 - Responsible for quality
 - Responsible for timeliness
 - > Establishment of standards
- Beeing contact person and trainer for new employees
- Coordination of intersections to other departments
- Coordinating travels, holidays, etc

Fields of activity for physicists @ PicoQuant

research and development

development of innovative techniques

*
cooperations with customer projects

*
development of new products and
systems

*
software development

customer service and support

installation of complex systems
all over the world
*
supporting customers
online and in person

sales and marketing

discussing customer's applications

*
attending exhibitions&conferences

*
product management

production

complex production tasks

*
construction of systems

*
calibrations tasks, quality inspections

*
production processing

Ways to PicoQuant

- Vacancies published in career networks and on our own homepage:
 - ➤ http://www.picoquant.com/company/carrers
- recommendations from the community
- from customer to colleague
- Speculative applications(!)
- from working student to full-time worker



Your contact: Mariola Axman (human resources) jobs@picoquant.com



general job requirements

- hands-on experience in our research fields helpful
- capable of working in teams, with excellent problem solving and analytical skills
- PhD helpful for some positions not generally required!

Join PicoQuant – open positions

- Product manager Materials Sciences
 - > Development and implementation of long-term product strategies for an application field
- Sales & Application specialist for TCSPC & Lasers (my team;))
 - > Answering requests, discuss customer's application, events
- Software engineer
 - Application-focused software development for TCSPC electronics
- FPGA developper
 - Development and implementation of timing algorithms in FPGA logics (hardware-software co-design)

Time for questions



Inboxes for questions



jobs@picoquant.com

info@picoquant.com