photonics

certificate

bachelors

doctoral

masters

Directory

Netherlands

Photonics training courses

2015 / 2016

Photonics4All

Discover the Power of Light

introduction

Where to study Photonics? If you are interested in training to work in this innovative and challenging sector, you will find in this new directory all the optics training courses offered by universities and schools in Netherlands.

This directory is your tool. Whether you are a young or advanced student and interested in developing or improving your skills in optics, you will find the answers to help guide you through the options and direct your career path.

table of content

BACHELORS

HBO-Bachelor Technische Natuurkunde

Enschede, Overijssel
Are you interested in the development of nanotechnology? Or curious about the workings of a 3D TV? Whether you want to know about new medical equipment, such as a camera pill? Then Applied Physics is for you!
Contact : *(00) 31 (0)570 - 60 37 00 − info@saxion.nl*
http://www.saxion.nl/tn

HBO-Bachelor Technische Natuurkunde

Delft, South Holland
Applied Physics Applied Physics. The formulas and calculation that you're doing in the last few years, suddenly get on the exciting side.
Contact : *00 31 (0)15 - 260 6200 − http://www.dehaagsehogeschool.nl/bachelorstudies/aanbodopleidingen/technische-natuurkunde-voltijd-delft/studie/algemeen*

HBO-Bachelor Technische Natuurkunde

Eindhoven, North Brabant
With Applied Physics combine your interest in physics with the latest developments and applications in technology.
Contact : *00 31 (0)8850 77311 − TNW@fontys.nl − http://fontys.nl/Studeren/Opleidingen/Technische-Natuurkunde.htm*

MASTERS

Physics Master: specialisation: Research in Physics, Quantum Matter and Optics

Leiden, South Holland
It offers comprehensive coverage of major current research themes, such as scanning probe techniques based on atomic force and scanning tunneling microscopy, molecular electronics, oxide electronics, superconductivity, quantum optics and quantum information, and strong photon-matter interaction.
Contact : *00 31 (0)71 527 80 11 − http://en.mastersinleiden.nl/programmes/research-in-physics-quantum-matter-and-optics/en/introduction*

Applied Physics Master

Groningen, Groningen
The Master's degree programme in Applied Physics offers an excellent combination of fundamental research on the one hand, and an open eye to possible industrial applications on the other.
Contact : *prospectivesl@rug.nl − www.rug.nl/howtoapply*

Master Physics and Astronomy

Nijmegen, Gelderland
Applying the laws of physics in real-life situations, ranging from measuring brain activity to designing new materials and investigating space objects .
Contact : *Emily van Mierlo − 00 31 (0)24 365 30 13 − physicsandastronomy@ru.nl*
http://www.ru.nl/english/education/masters/physics-astronomy/

Master Applied Physics:Imaging Physics Track

Delft, South Holland
Applied Physics covers phenomena ranging from the infinitesimally small – subatomic particles – to the unimaginably large – the universe. Applied physics is about translating a deep understanding of the theoretical underpinnings of physics into concrete results to benefit society.
Contact : *Tamara Bacsik − 00 31 (0)15 278 8180 − msc-tnw@tudelft.nl*
http://www.tudelft.nl/en/study/master-of-science/master-programmes/applied-physics/

Applied Physics Master

Eindhoven, North Brabant
The Master's degree program in Applied Physics gives you the opportunity to get involved in physical phenomena, new technologies and measurement methods. These are based on technical applications of physical principles in the most diverse disciplines.
Contact : *00 31 (0)40 247 4415 − phys.studie.info@tue.nl*
https://www.tue.nl/en/education/tue-graduate-school/masters-programs/applied-physics/

Applied Physics Master, specialisation Optics and Biophysics

Enschede, Overijssel
The specialization in Optics and Biophysics of the MSc in Applied Physics focuses on research into the properties of light and laser technologies and life processes.
Contact : *00 31 (0)53 4895489− master@utwente.nl*
https://www.utwente.nl/en/education/master/programmes/applied-physics/specialization/optics-and-biophysics/

DOCTORAL

FOM Institute for Atomic and Molecular Physics

Amsterdam, North Holland
«Quality, ambition, and multidisciplinary inspiration» are AMOLF's guiding principles in carrying out its mission. Nanophotonics will lead to new ways to generate, guide, direct, focus, concentrate and slow down light, to control light at the quantum level and to explore the magnetic component of light.
Contact : *00 31 (0)20 754 7100 – info@amolf.nl*
http://www.amolf.nl/jobs-internships/

Advanced Research Center for Nanolithography

Amsterdam, North Holland
The Advanced Research Center for Nanolithography (ARCNL) focuses on the fundamental physics involved in current and future key technologies in nanolithography, primarily for the semiconductor industry. A significant part of the initial program is devoted to the physics that is central in the generation of high intensities of extreme ultraviolet light and its use in nanolithography.
Contact : *00 31 (0)20 851 7100 – info@arcnl.nl*
http://www.arcnl.nl/jobs-internships/

OTHER

Optics Group
Delft University of Technology

Delft, South Holland

The Optics Research Group is specialised in electromagnetic wave theory and imaging techniques operating in both near and far-field region and has one of the longest histories of research in Delft and in Optics for the all netherlands. Many topics in photonics developed in the group are keys to direct application in industries. Many opportunities are offered also in adjoining groups and departments.

Contact : *00 31 (0)15-27-81444 – y.vanaalst@tudelft.nl*
http://optica.tudelft.nl/ & http://jobs.tudelft.nl

Photonics4All is a European Horizon 2020 Outreach project, funded by the European Commission to promote photonics and light based technologies to young people, entrepreneurs and the general public across the EU. Photonics4all's unique selling point is that it will both develop a set of new promotional tools and apply them during a wide variety of outreach activities with different audiences.

Discover our unique approach and check out our tools and events : http://photonics4all.eu/.

Photonics4All
Discover the Power of Light

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 644606.