

# Hoang Long Nguyen

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 Singapore/Vietnam

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## Education

### Nanyang Technological University, Physical Chemistry

- Double Degree with the University of Groningen, the Netherlands

Singapore

2019 – 2024

### Nanyang Technological University, Applied Physics

Singapore

2015 – 2019

## Experience

### Nanyang Technological University, Research Fellow

Operating ultrafast laser systems, conducting optical spectroscopy experiments, and preparing publications

Singapore

2024 – present

2 years

## Publications

### Zur Elektrodynamik bewegter Körper

It concerned an interpretation of the Michelson–Morley experiment and the properties of light and time. Special relativity incorporates the principle that the speed of light is the same for all inertial observers regardless of the state of motion of the source.

Albert Einstein

[en.wikisource.org/wiki/Translation:On\\_the\\_Electrodynamics\\_of\\_Moving\\_Bodies](https://en.wikisource.org/wiki/Translation:On_the_Electrodynamics_of_Moving_Bodies)

### Über einen die Erzeugung und Verwandlung des Lichtes betreffenden heuristischen Gesichtspunkt

In the second paper, he applied the quantum theory to light to explain the photoelectric effect. In particular, he used the idea of light quanta (photons) to explain experimental results, but stressed the importance of the experimental results. The importance of his work on the photoelectric effect earned him the Nobel Prize in Physics in 1921.

Albert Einstein

[de.wikisource.org/wiki/%C3%9Cber\\_einen\\_die\\_Erzeugung\\_und\\_Verwandlung\\_des\\_Lichtes\\_betreffenden\\_heuristischen\\_Gesichtspunkt](https://de.wikisource.org/wiki/%C3%9Cber_einen_die_Erzeugung_und_Verwandlung_des_Lichtes_betreffenden_heuristischen_Gesichtspunkt)

### Die Grundlage der allgemeinen Relativitätstheorie

The publication of the theory of general relativity made him internationally famous. He was professor of physics at the universities of Zurich (1909–1911) and Prague (1911–1912), before he returned to ETH Zurich (1912–1914).

Albert Einstein

[de.wikisource.org/wiki/Die\\_Grundlage\\_der\\_allgemeinen\\_Relativit%C3%A4sttheorie](https://de.wikisource.org/wiki/Die_Grundlage_der_allgemeinen_Relativit%C3%A4sttheorie)

## Skills

### Physics

## Languages

### English

Fluent

### Vietnamese

Native Speaker

## Interests

### Physics

## References

Professor John Doe

**Professor Jane Smith**