Kang Hoon Lee

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Education

Korea University, School of CyberSecurity, CyberSecurity
Seoul, South Korea
Mar 2022 – Feb 2026

Korea University, School of CyberSecurity, CyberSecurity
Seoul, South Korea
Mar 2020 – Feb 2022

Korea University, Mathematics Education
Seoul, South Korea
Mar 2016 – Feb 2020

Experience

Korea University, Instructor
Seoul, South Korea
Teaching "Algorithms" course for undergraduate students.
Sept 2023 – Dec 2023
4 months

Awards

Nobel Prize in Physics
Nov 1921
The Nobel Prizes are five separate prizes that, according to Alfred Nobel's will of 1895, are awarded to 'those who, during the preceding year, have conferred the greatest benefit to humankind.'
Royal Swedish Academy of Sciences
www.nobelprize.org/prizes/physics/1921/einstein/biographical

Max Planck Medal
2029
Awarded for outstanding scientific achievement
German Physical Society

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

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_Gesicht

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%A4tstheorie

Skills

Physics

Languages

German
Native speaker

English
Fluent

Interests

Physics

Certificates

Machine Learning Jan 2018

Quantum Computing Jan 2018

Quantum Information Jan 2018

Projects

Quantum Computing Jan 2018 – Jan 2018
Quantum computing is the use of quantum-mechanical phenomena such as superposition and entanglement to perform computation. Computers that perform quantum computations are known as quantum computers.

- Quantum Teleportation
- Quantum Cryptography

References

Professor John Doe

Professor Jane Smith