

Albert Einstein

Research Physicist · Professor · Patent Clerk

When I am not reviewing patents, I carry out thought experiments. My interests span from pollen grains to synchronizing clocks on moving trains. I wrote a small number of articles that attracted a decent amount of attention. I also designed large unifying theories and models that turned out to be surprisingly powerful and robust.

aeinstein@ethz.ch

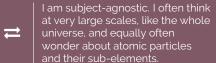
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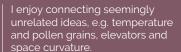
🛨 Bern

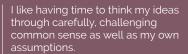
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GOALS (2)

I am looking for opportunities to experiment, in labs or in thoughts, to deeply understand the laws of physics and how clocks work.







SKILLS

WORK EXPERIENCE

Apr 1955 Oct 1933

Research Fellow

INSTITUTE FOR ADVANCED STUDY · Princeton, NJ, USA •

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Oct 1933 Jul 1913

Multiple teaching positions

Multiple institutions · Here and There ♥



Jul 1913 Jul 1912

Professor, Chair in theoretical physics

ETH · Zürich, Switzerland ?



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Apr 1911 Feb 1909

Associate Professor

UNIVERSITY OF ZÜRICH · Zürich, Switzerland ♥



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Feb 1909 Apr 1908

Junior Professor

University of Bern · Bern. Switzerland ♥



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Applied Theoretical Physics

Speed

nappina

Apr 1908 Jan 1902

Technical Assistant

FEDERAL PATENT OFFICE · Bern. Switzerland ♥

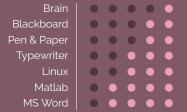


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Work experience prior to 1902 is visible on **LinkedIn**.

TECH

Research



❖ **INTERESTS & EXPERTISE**





English German French Working knowledge Mother tongue Notions

FORMAL EDUCATION

1905

PhD

UNIVERSITY OF ZÜRICH · Zürich, Switzerland **9**



University of Zürich is one of the world's best universities, ranked N^{th} globally **by the NY Times**. Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam.

1900 1896

Master of Science

ETH · Zürich, Switzerland ?



ETHZ is malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo.

66 PHILOSOPHY

Here are some thoughts that guide my actions as a professor and as a scientist

Success is a few simple disciplines, practiced every day; while failure is simply a few errors in judgment, repeated every day.

– Jim Rohn

66 With most subjects, it is more important to really understand the basic material than have exposure to more advanced concepts.

- S. S. Skiena

S Besides the noble art of getting things done, there is the noble art of leaving things undone. The wisdom of life consists in the elimination of non-essentials.

- Lin Yutang

66 The people that really create the things that change this industry are both the thinker and doer in one person. [...] It's very easy to say "I thought of this three years ago". But usually when you dig a little deeper, you find that the people that really did it were also the people that really worked through the hard intellectual problems as well.

- Steve Jobs

66 It is not that I'm so smart. But I stay with the questions much longer.

- Me (ha ha)

☐ SELF-EDUCATION

Oct 1945

Growing Mushrooms in the Sky

PRINCETON VIA COURSERA 🖵



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Results: Statement of Accomplishment.

Oct 2013

CS191x: Quantum Mechanics and Quantum Computation

BERKELEY VIA EDX 🖵



This online class was taught by Pr. Umesh Vazirani. It covered theoretical concepts of quantum physics (e.g. superposition of states, entanglement of particles) as well as practical implementations of quantum algorithms such as Shor's algorithm to factor large numbers.

Results: Statement of Accomplishment.

PUBLICATIONS

Nov 1905

Does the Inertia of a Body Depend Upon Its Energy Content?

Annalen der Physik 🖹

ANNALEN
PHYSIK UND CHEMIR

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Sep 1905

On the Electrodynamics of Moving Bodies

Annalen der Physik 🖹

ANNALEN
PHYSIK UND CHEMIE

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Jul 1905

On the Motion of Small Particles Suspended in a Stationary Liquid

ANNALEN DER PHYSIK

PHYSIK UND CHEMIE

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Jun 1905

On a Heuristic Viewpoint Concerning the Production and Transformation of Light

Annalen der Physik

PHYSIK UND CHEMIE

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(*) REFERENCES

My references are available upon request. Among others, they include:

Managers | Some Nobel Prize laureates

Reports | More Nobel Prize laureates