

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.

ainstein@ethz.ch

+41.23.456.78.90

Bern

[in/albert_einstein](#)

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⌚ GOALS



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



I am subject-agnostic. I often think at very large scales, like the whole universe, and equally often wonder about atomic particles and their sub-elements.

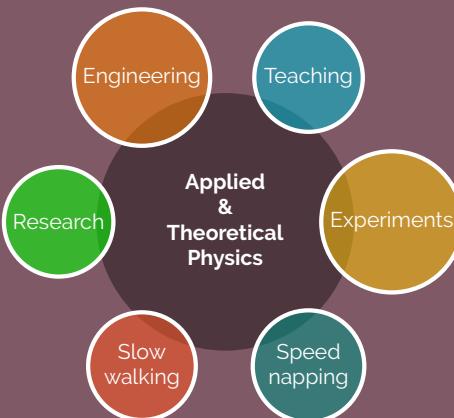


I enjoy connecting seemingly unrelated ideas, e.g. temperature and pollen grains, elevators and space curvature.



I like having time to think my ideas through carefully, challenging common sense as well as my own assumptions.

igsaw SKILLS



🔧 TECH

Brain	● ● ● ● ●
Blackboard	● ● ● ● ●
Pen & Paper	● ● ● ● ●
Typewriter	● ● ● ● ●
Linux	● ● ● ● ●
Matlab	● ● ● ● ●
MS Word	● ● ● ● ●

💼 WORK EXPERIENCE

Apr 1955

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



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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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Apr 1908

Jan 1902



Technical Assistant

FEDERAL PATENT OFFICE · Bern, Switzerland



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Work experience prior to 1902 is visible on [in LinkedIn](#).

❤ INTERESTS & EXPERTISE

Special Relativity

General Relativity

Nuclear physics

Quantum physics

Brownian motion

Pinball

Laws of Optics

Laser Tag

Crosswords

Coffee

English	Working knowledge
German	Mother tongue
French	Notions

1905

**PhD**

UNIVERSITY OF ZÜRICH · Zürich, Switzerland

University of Zürich is one of the world's best universities, ranked *Nth* 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.

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

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

– S. S. Skiena

“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

“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

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

– Me (ha ha)



Oct 1945

Growing Mushrooms in the Sky

PRINCETON VIA COURSERA

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Results: **Statement of Accomplishment**.



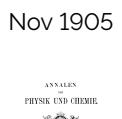
Oct 2013

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**.

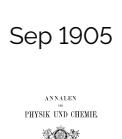


Nov 1905

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

ANNALEN DER PHYSIK

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Sep 1905

On the Electrodynamics of Moving Bodies

ANNALEN DER PHYSIK

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Jul 1905

On the Motion of Small Particles Suspended in a Stationary Liquid

ANNALEN DER PHYSIK

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Jun 1905

On a Heuristic Viewpoint Concerning the Production and Transformation of Light

ANNALEN DER PHYSIK

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

Managers | Some Nobel Prize laureates

Reports | More Nobel Prize laureates