

Particle Physics and Engineering

Yiota Foka
GSI

IPPOG WG Outreach Of Applications for Society

29 july 2020

TESLA in SARAJEVO

<https://www.sarajevotimes.com/sarajevo-received-the-sculpture-of-nikola-tesla-in-natural-size/>

<https://www.facebook.com/pages/category/Pub/Tesla-Pub-178086222957492/>

born on July 10, 1856 in Lika (Croatia)

https://en.wikipedia.org/wiki/Nikola_Tesla

Sarajevo received the Sculpture of Nikola Tesla in Natural Size

APRIL 15, 2018 1:00 PM



Sarajevo received a sculpture of the famous inventor and engineer Nikola Tesla in a natural size. The sculpture is placed in front of the pub “Tesla” in the Municipality of Stari Grad and it already became a great place for taking photos.

The sculpture of Tesla was made by sculptor master Damir Sabic, and he made it at the initiative of the owner of the pub, Denis Stojnic.

Tesla “is sitting” and he looks like he is thinking, while a light bulb is placed in his lap. Stojnic said that the sculpture was created on the basis of photos on which Tesla sits and develops his genius ideas.

The sculpture already started drawing the attention of passers-

by, and the children are happy to take a photo with him.



famous for discovering first alternating current AC, developed AC generation and transmission technology, radio signaling... wireless controlled boat...

<https://novi.ba/.../valentin-inzko-od-svog-dolaska-u-bih-nika...>

Tesla pub
The Best Place To Be ❤️



NOVI.BA
Valentin Inzko od svog dolaska u BiH nikad nije sjedio sa

Die Ausstellung

- Die Ausstellung
- Ausstellungsort →
- Öffnungszeiten →
- Führungen →
- Schülertage →
- Kontakt →
- DESY →
- TESLA →
- Weiterführende Links →



TeV-Energy Superconducting Linear Accelerator.

Das Forschungszentrum Deutsches Elektronen-Synchrotron DESY präsentiert im **Automobil Forum Unter den Eichen** eine Ausstellung zum internationalen Forschungsprojekt TESLA. Ein Blick in die atomare Dimension des Lebens und eine Entdeckungsreise zum Ursprung der Materie.

Die Schwerpunkte der Ausstellung sind:

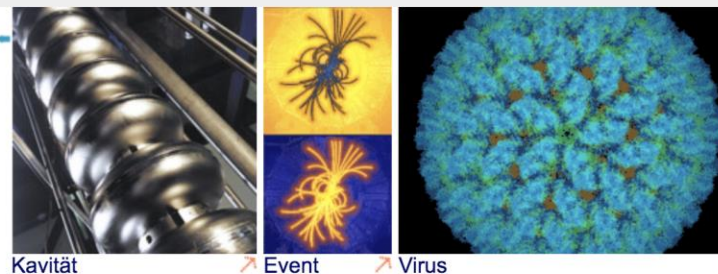
- TESLA - das Projekt
- TESLA - der Linearbeschleuniger
- Teilchenphysik mit TESLA
- TESLA - Röntgenlaser und ihre Anwendungen

https://www.zeuthen.desy.de/tesla_ausstellung

TESLA – Licht der Zukunft

TESLA

TESLA



Das Forschungszentrum DESY erschließt technologisches Neuland und plant gemeinsam mit internationalen Partnern den Bau von TESLA.

Der Name steht für **T**eV-Energy **S**uperconducting **L**inear **A**ccelerator.

Der 33 km lange supraleitende Linear-Beschleuniger eröffnet neue Möglichkeiten, die Kollision von Elektronen mit ihren Antiteilchen zu studieren. Gleichzeitig dient er als Quelle für Röntgenlicht mit einzigartigen Eigenschaften.

Der kleine Urknall im Labor

TESLA bringt Licht in die Entstehung der Bausteine der Materie sowie in den Ursprung der Kräfte und der Masse in der Zeit kurz nach dem Urknall.

Filme von der Mikrowelt

Der TESLA-Röntgenlaser liefert extrem kurze und intensive Lichtblitze, die das Filmen atomarer Details chemischer und biologischer Prozesse erlauben.

Particle Physics and Engineering

Some of the basics

alternating current (AC)

alternating current induction motor (polyphase system)

Experiments with

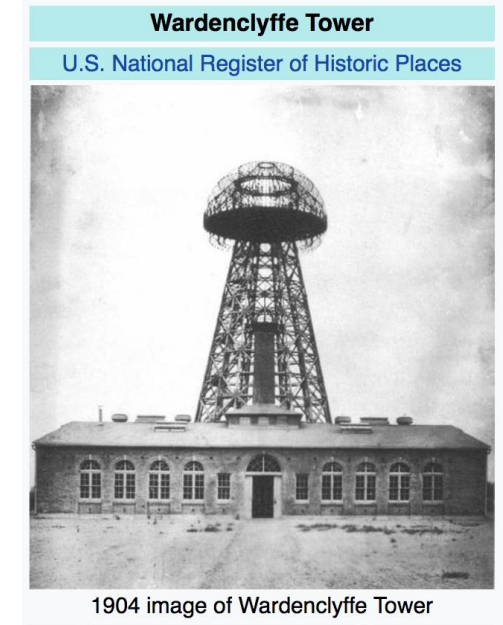
mechanical oscillators/generators,
electrical discharge tubes,
early x-ray imaging

Wireless lighting, electric power distribution in his high-voltage, high-frequency experiment

Wireless communication:

Wardenclyffe Tower (known also as *TESLA tower*) project: designed and built an international wireless communication and power transmitter intended to transmit message, telephony and even facsimile images across the Atlantic.... **refusal to fund...**

In 2018 listed on the National Register of Historic Places



Particle Physics and Engineering

International path

born (1856) and raised in Austrian Empire

studied (1870) in Graz : engineering and physics

practical experience (1880) Continental Edison

emigrated (1884) in US where he died in 1943