

WORLD WIDE WEB

PRESENTATION

BY

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THIS PRESENTATION

This Presentation is the
Story of the World
Wide Web

It has as its
characters

- An Institution
- A Scientist
- The World Wide Web
Itself



CERN

CERN

When in 1909 Ernest Rutherford devised an Experiment to probe the Structure of the Atom he not only Discovered the Nucleus, he also started a trend: using particles to probe the Structure of something. He introduced the concept of using particle accelerators to examine the structure of the atom Many were built in the succeeding decades.

FOUNDING OF CERN

Founded in 1954 the organisation is based outside the city of Geneva on the Franco-Swiss border.



CERN

CERN's main function is to provide the Particle Accelerators and other infrastructure needed for high energy Physics research

The Particle Accelerators are operated in underground tunnels and can be up to 27km in circumference

The main site at Meyrin hosts a large computing facility which is used to store and analyse data from Experiments



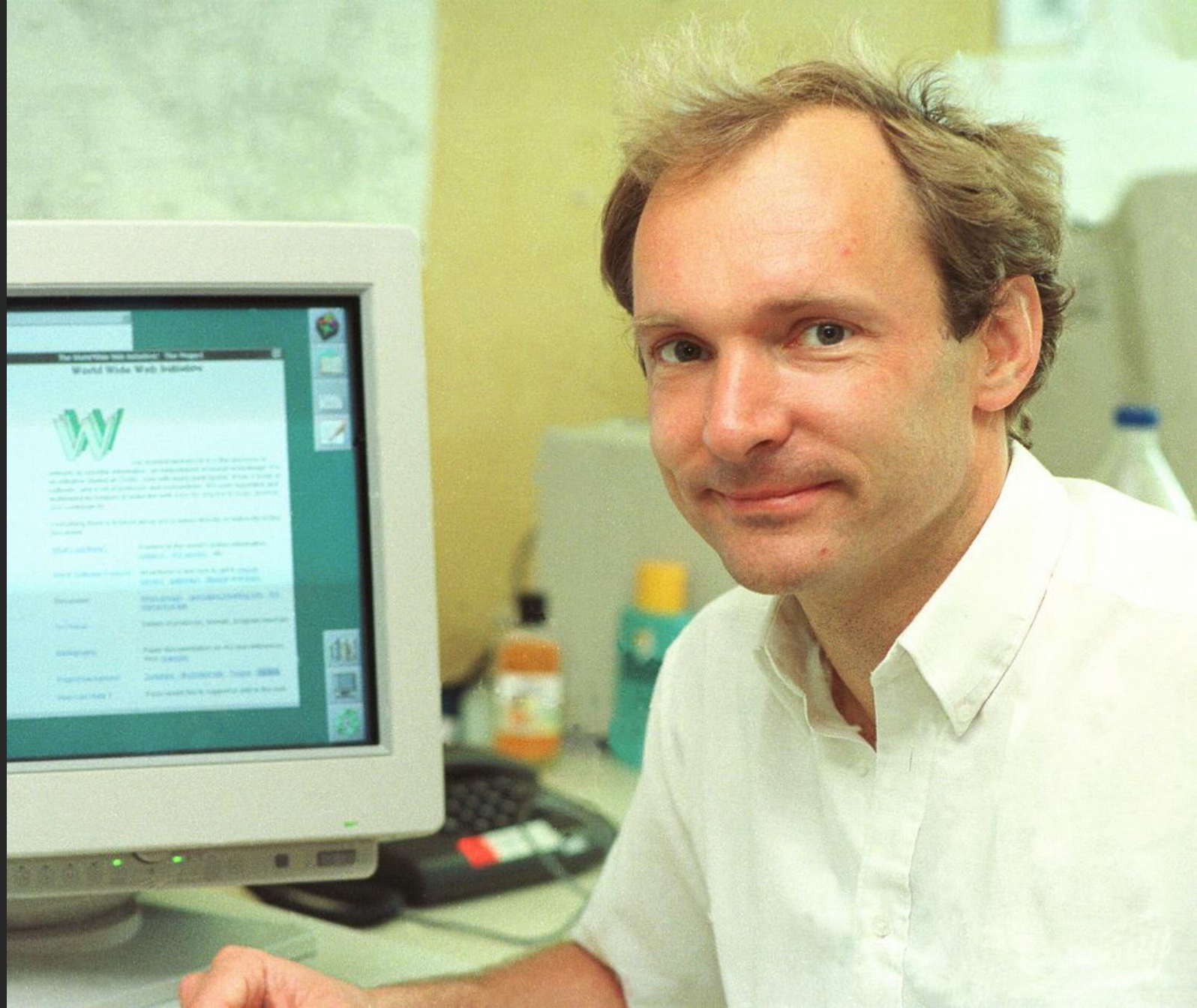
CERN: Development and Growth

Between its Foundation in the 1950s through to the 1980s CERN was Host to many High Energy Physics Experiments. But these Experiments require enormous Computer Power to keep track of all the Data. Hence CERN had a large computer department.

TIM BERNERS-LEE

TIM BERNERS-LEE was
born in London in
1955

He Created the
WORLD WIDE WEB
in 1990

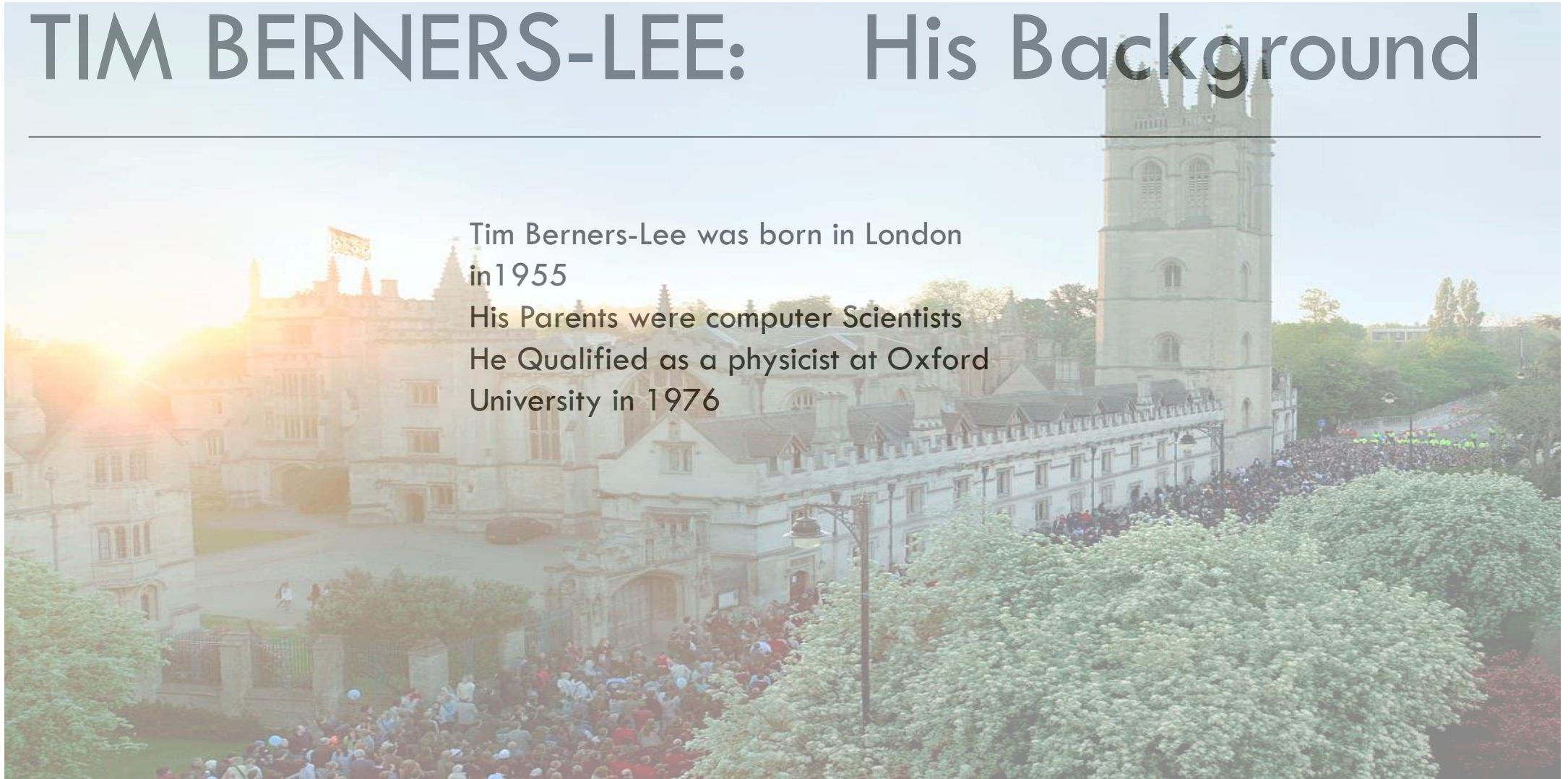


TIM BERNERS-LEE: His Background

Tim Berners-Lee was born in London
in 1955

His Parents were computer Scientists

He Qualified as a physicist at Oxford
University in 1976



TIM BERNERS-LEE: History at CERN

Tim Berners-Lee first went to work at CERN as an independent contractor in 1980

He had already worked in the software industry for a few years and continued in this area at CERN

MontBlanc

TIM BERNERS-LEE: Time at CERN

Having stayed at
CERN only a few
months first time round
Berners-Lee returned
again in 1989

LHCb

ATLAS

ALICE

CMS

He was not
Impressed

TIM BERNERS-LEE: His Impression

Tim Berners-Lee on CERN in 1989: “In those days there was different Information on different computers, but you had to log on to different computers to get at it. And sometimes they were using different computer languages.

Often it was just simpler to go and ask people when they were having coffee.”



TIM BERNERS-LEE: His Proposal

In March 1989 Tim laid out his vision for what would become the Web in a document called:

Information Management: A Proposal.



TIM BERNERS-LEE: His Own Words

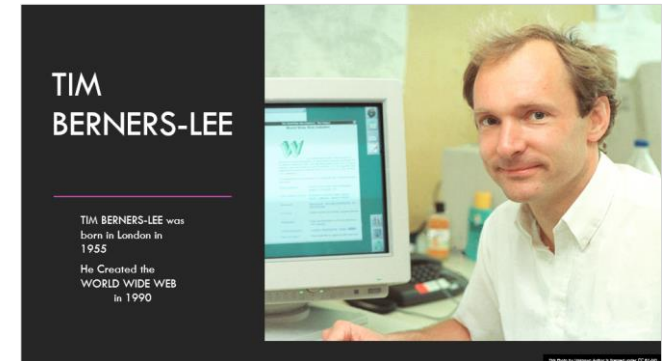
“Most of the Technologies involved in the World Wide Web like

- Hypertext
- The Internet
- Multifont text objects

Had already been designed

I just had to put them together”

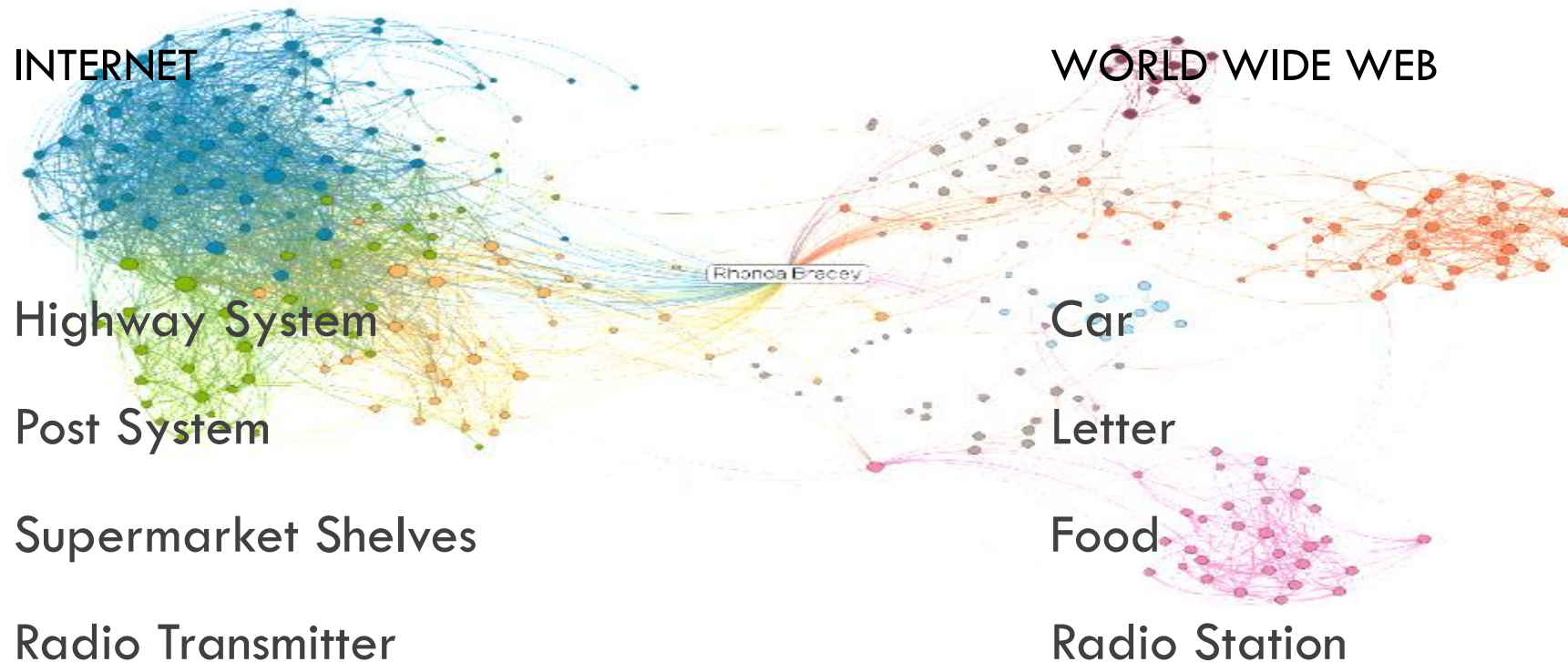
Tim Berners-Lee





DIFFERENCE: Between INTERNET and WORLD WIDE WEB

INTERNET Compared to the WWW



INTERNET AND WORLD WIDE WEB

The INTERNET is the
Platform that enables
the WORLD WIDE WEB
to exist
The WORLD WIDE WEB
is just one of many
APPLICATIONS the
Internet Hosts.

TECHNOLOGIES ENABLING THE WORLD WIDE WEB



THE INTERNET

It is impossible to credit the invention of the INTERNET to a single person.

It is the work of numerous Scientists, Engineers, and Programmers whose work merged to form the “Information Superhighway” we know today.

The first workable prototype of the INTERNET was the “Arpanet”
It became operational in the late 1960s



HYPERTEXT: The Jewel In The Crown

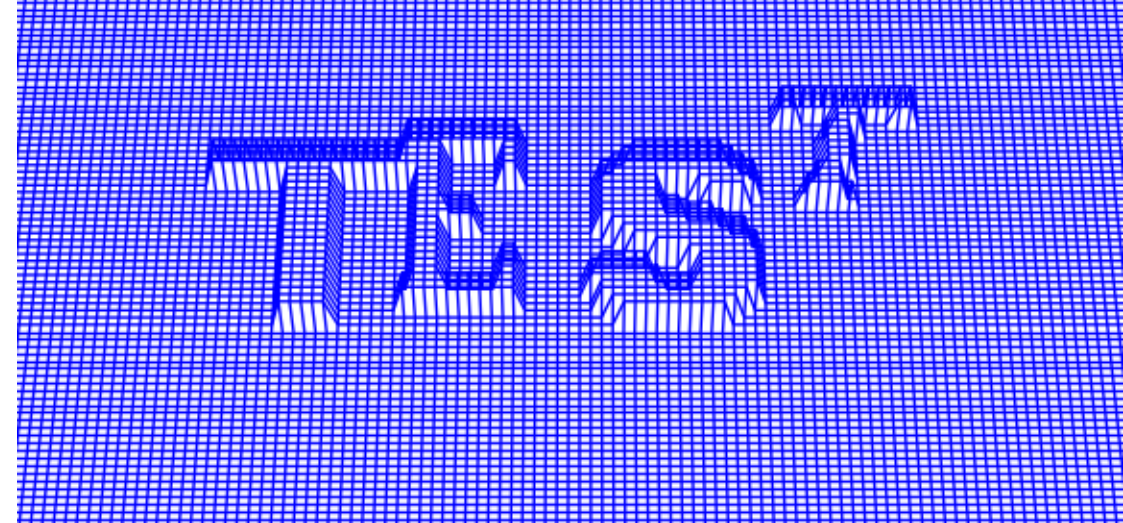
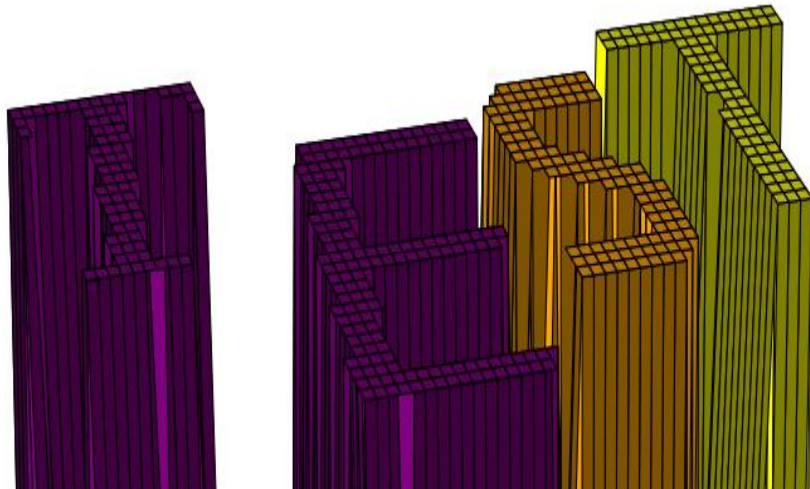
Hypertext is text displayed
a computer with
reference(Hyperlinks) to
other text that the reader
can immediately access



After The Internet Itself , As far as the
WORLD WIDE WEB is concerned,
HYPERTEXT is the Jewel In The Crown.
This is what allows the users to get the
Text they seek. From all the billions of
pages.
We can find just the right page.
Thanks to HYPERTEXT.

MULTIFONT TEXT OBJECTS

WHEN Tim Berneers-Lee refers to Multifont text objects He is referring to the many Programs that were Developed to Enable Different styles of Text to be used ,and integrated with Graphics Examples can be seen in Microsoft “Excel” or “Powerpoint”

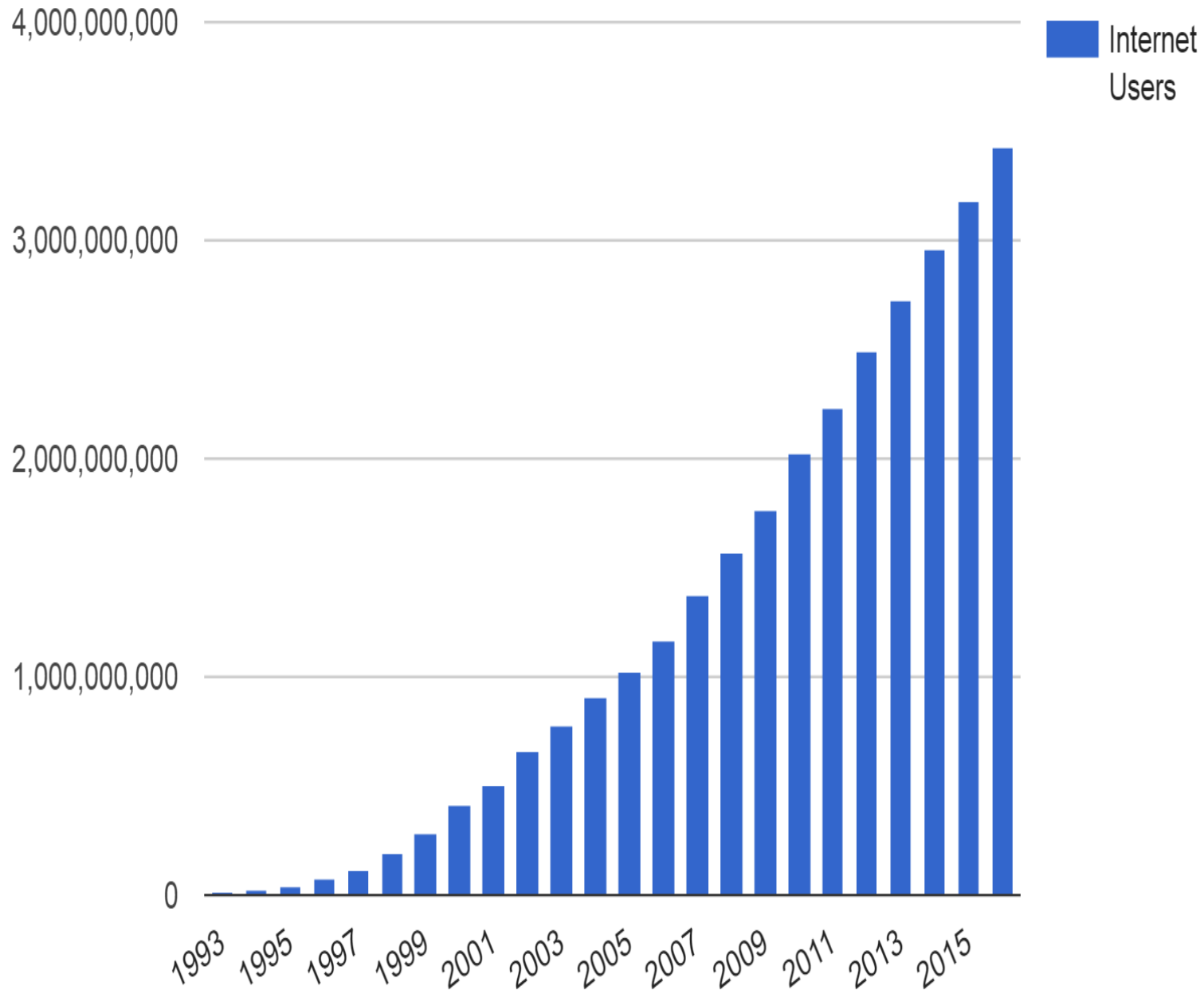


BIRTH OF THE WORLD WIDE WEB



Tim Berners-Lee published the first web site on 20 dec 1990. It was available to the internet from the CERN network

Internet Users in the World



GROWTH OF THE WORLD WIDE WEB

THE WORLD WIDE WEB TODAY

Today the world wide web has gone from one building in a small town outside Geneva to the whole World. In only 30 years



BIBLIOGRAPHY: Books

Weaving the Web : The Original Design and Ultimate Destiny of the World Wide Web

By (author) [Sir Tim Berners-Lee](#)



ISBN10 006251587X

The CERN Revelation

By Jeffry Weiss



ISBN10 1096126117

History of CERN, II : Volume II Building and Running the Laboratory, 1954-1965



ISBN10 0444882073

BIBLIOGRAPHY: Live Hyper Links

1 [History of CERN](#)

Slide 4: 2 ["The scattering of \$\alpha\$ and \$\beta\$ particles by matter and the structure of the atom](#)

Slide 6: [What does CERN mean?](#)
[- definitions](#)

Slide 12, 13, 14 : [World Wide Web Foundation – Founded by Tim Berners-Lee ...](#)

Slide 15, 16, 17 : [The Difference Between The Internet and World Wide Web](#)

Slides 18, 19, 20, 21:

[Tim Berners-Lee - Wikipedia](#)