



EPFL

**Welcome
to EPFL!**

Martin Vetterli
EPFL President

■ École
polytechnique
fédérale
de Lausanne

EPFL turns 50!

■ OPEN SCIENCE DAY - WELCOME TO EPFL



Scientific Revolutions

1665

Print-centric

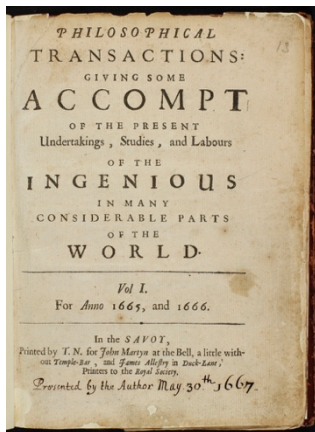
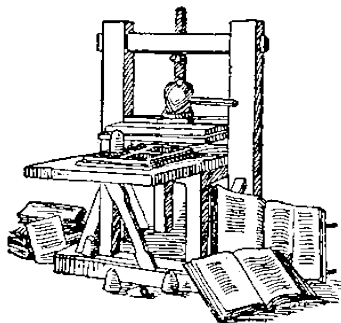


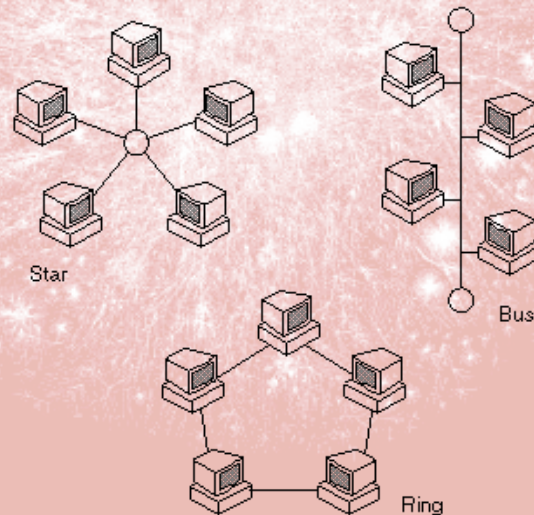
Image credit: Wikimedia commons CC BY 4.0 Royal Society



Philosophical Transactions – the world's first scholarly journal

2019

Web-centric

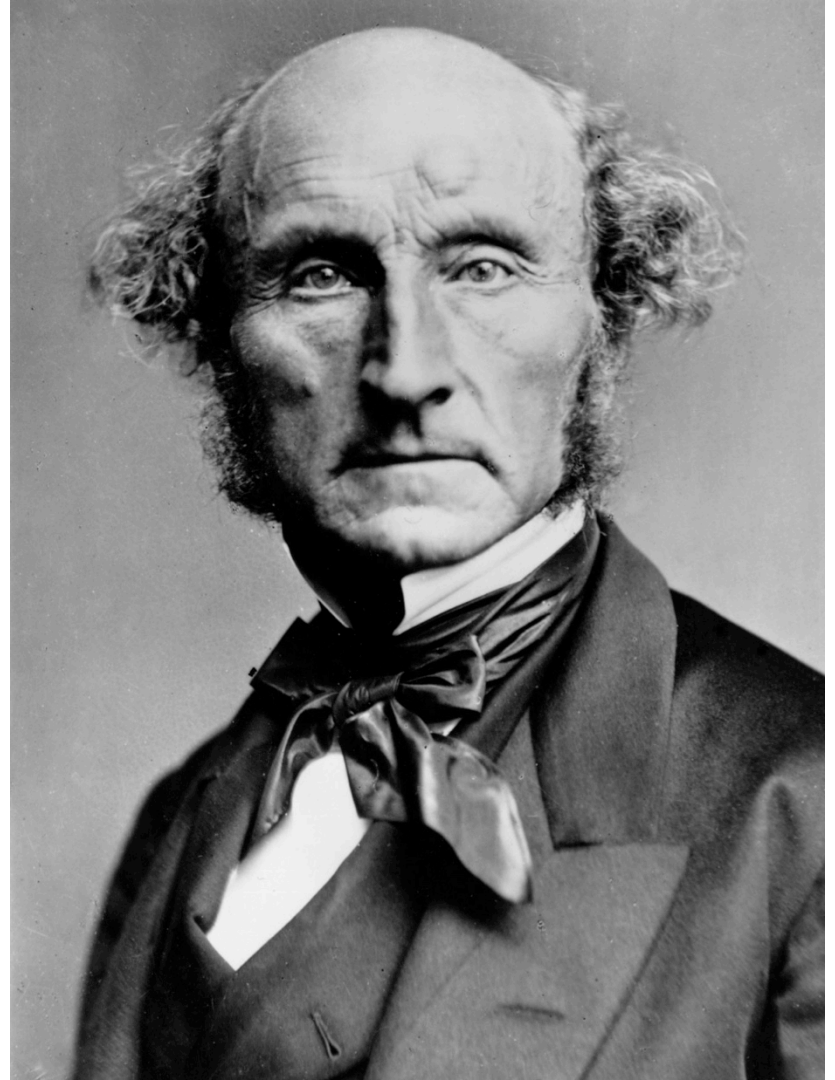


Open is in our DNA

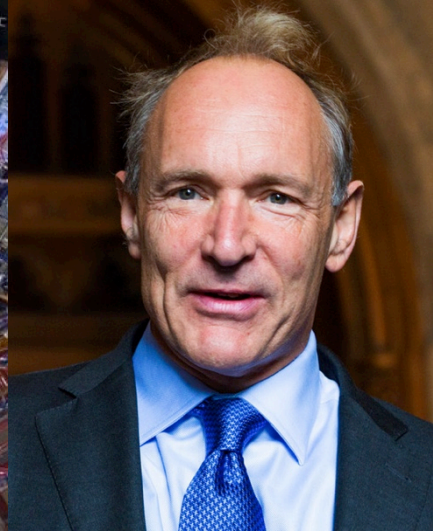
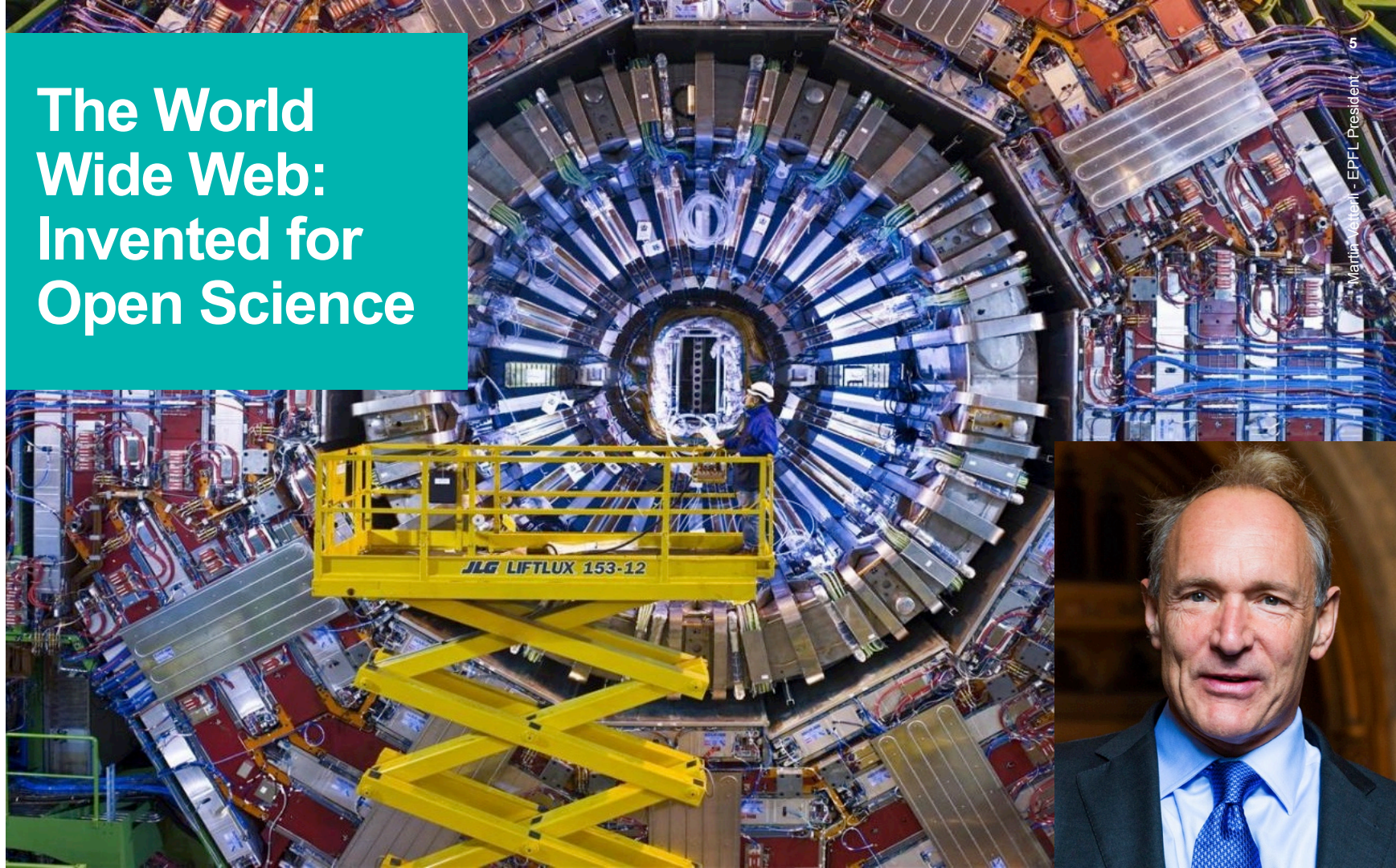
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A university exists for the purpose of laying **open** to each succeeding generation the accumulated treasures of the thoughts of mankind.“

John Stuart Mill addressing students as newly elected Rector of St Andrews University in 1867.



The World Wide Web: Invented for Open Science



Message-ID: <6484@cernvax.cern.ch>
Date: 6 Aug 91 14:56:20 GMT
From: timbl@info.cern.ch (Tim Berners-Lee)
Newsgroups: alt.hypertext
Subject: Re: Qualifiers on Hypertext links...

In article <64...@cernvax.cern.ch> I promised to post a short summary of the WorldWideWeb project. Mail me with any queries.

WorldWideWeb - Executive Summary

The WWW project merges the techniques of information retrieval and hypertext to make an easy but powerful global information system.

The project started with the philosophy that much academic information should be freely available to anyone. It aims to allow information sharing within internationally dispersed teams, and the dissemination of information by support groups.

Why Open Science is Important

Open Science = Better use of Public Money

Scrutiny = **better quality**

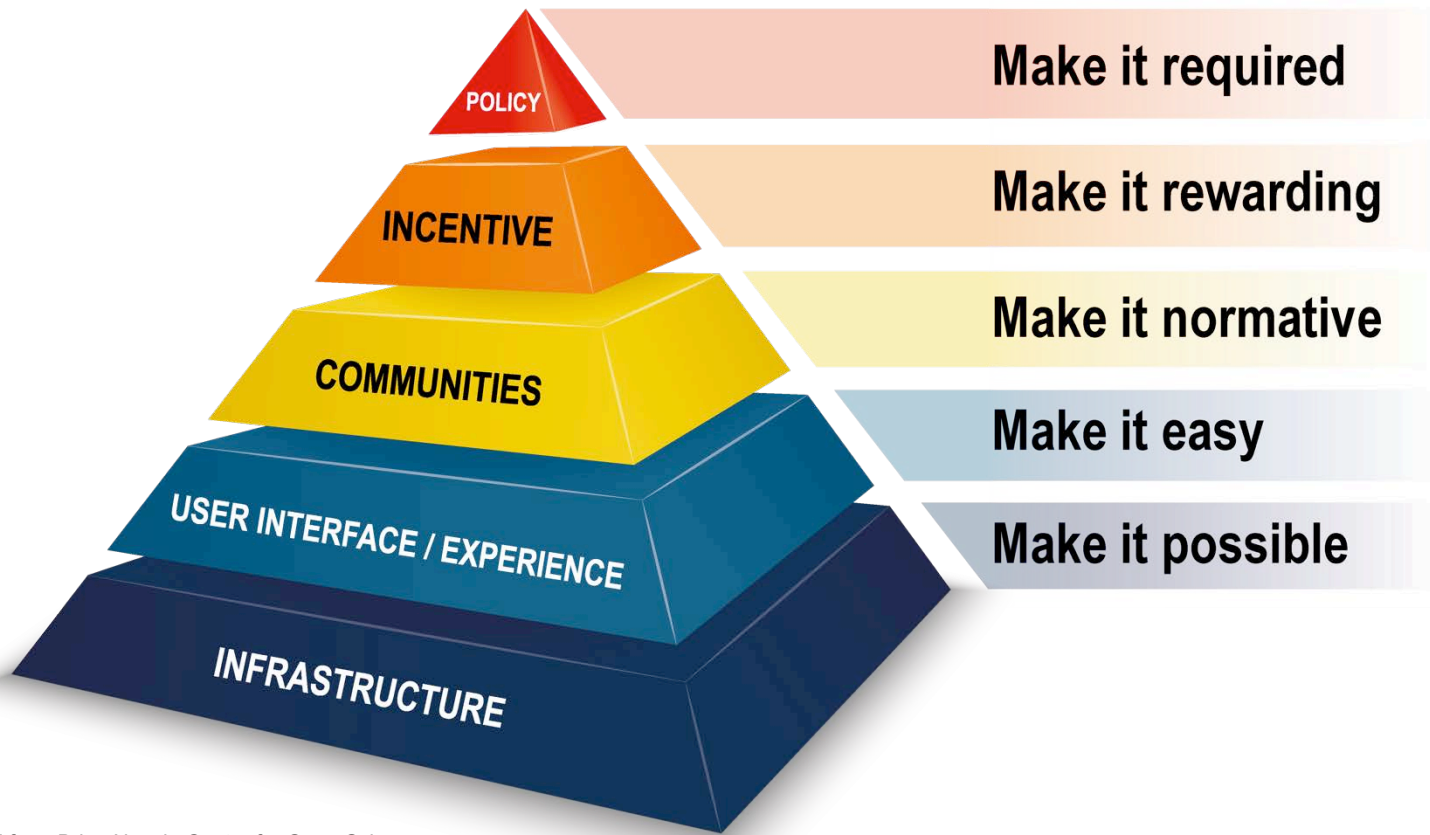
Visibility = **larger impact**

Reuse = **higher efficacy**

Public access = **fair opportunity**

New community standards = **Tomorrow's norms**
e.g. **FAIR data**

A Cultural Change



Stairway to the Data Heaven



6. Increase the number of qualified data scientists
5. Developing standards for data storage and sharing
4. Development of tools to allow generating, curating and reusing datasets
3. Expanding evaluation criteria to give credit for useful data sharing
2. Mandating *intelligent* openness for data underlying published reports
1. A shift away from a research culture where data is a private good

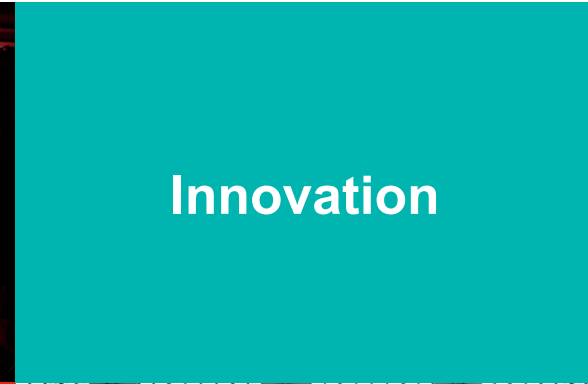
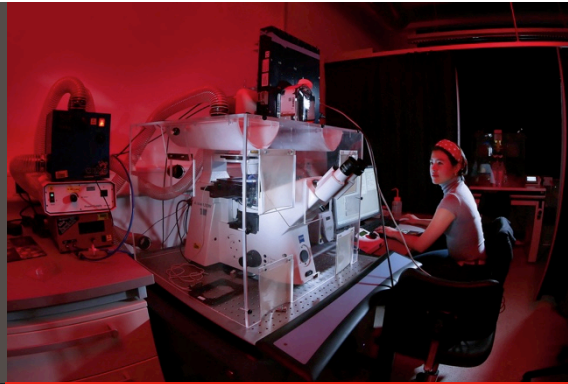
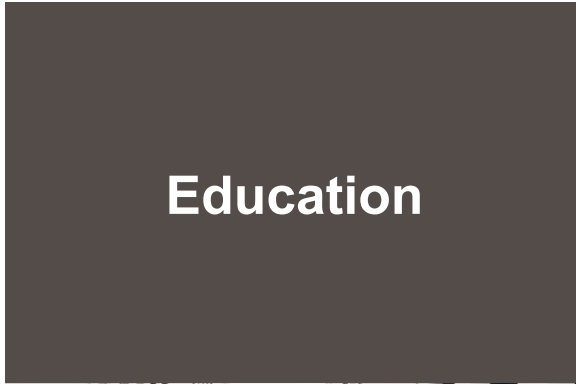


EPFL's three missions according to the Federal Act

Education

Innovation

Research





EPFL Today

Campus

- 11,134 Students, of whom 2,216 PhD students
- 347 Faculty
- 6,060 Staff (incl. PhD)

Structure

- 5 Schools (13 MSc programs)
- 2 Colleges (management and humanities)
- 26 Institutes
- >15 interdisciplinary centers
- >350 laboratories and research groups

13 Study Programmes, >350 Research Labs





SCIENTASTIC!



FESTIVAL
BALÉLEC



Welcome Day

Vivapoly
DEPUIS 1984



A
vibrant
campus

50th anniversary



VPE: 17 May 2019

VPR: 10 September 2019 in Sion
11 September 2019 in Neuchâtel
12 September 2019 in Fribourg
13 September 2019 in Genève

Open Doors: 14 & 15 September 2019

Open Science Day: 18 October 2019

VPI: 19 November 2019

celebration.epfl.ch

■ 50 ans

Huge Success for 2019 Open Doors





**Enjoy
your
day !**

Martin Vetterli
EPFL President