ITU-T Kaleidoscope 2010 Beyond the Internet? - Innovations for future networks and services

Virtualizing Time, Space, and Materia by RadioCommunications.

A Semi-serious, Rigorous, Non-Scientific Demonstration

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Travelling in time by means of Communications

- Travelling in space is not needed, if we can decode the body composition
- The human body is build up of about 7 10²⁷ atoms, 7000 Yotta atoms (max SI metric system: Yotta →10²⁴)



Why don't we sample these data and transmit the body map, instead of the body itself?



Travelling in time by means of Communications

Is it possible to digitize and transmit the whole set of information about the atoms' typology and position in the body?

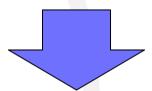


Strong **compression** algorithms
Strong **computational** facilities
Improved **bandwidth** capabilities



Travelling in time by means of Communications

Let's suppose that we were able to model, codify, transmit, receive, decode, reconstruct the body



Is there any chance to transmit the body in the past?

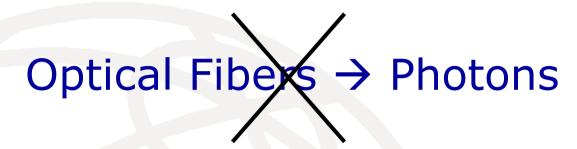


Travelling in Time

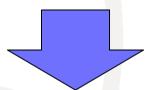
- According to the Theory of Relativity, every body having mass different from zero cannot move with a speed larger than light's one
- Particles with no mass have no limitations in speed:
 - Photons move at c
 - Bradions move at lower speed than c
 - Tachyons move at faster speed than c
- Tachyons may exist only if travelling backwards in time



Superluminal Transmissions



Travelling in time? -> Tachyons



Stable **construction** procedure
Stable **guiding** procedure
Construct **reliable** transmitters/receivers



DEMONSTRATION





DEMONSTRATION

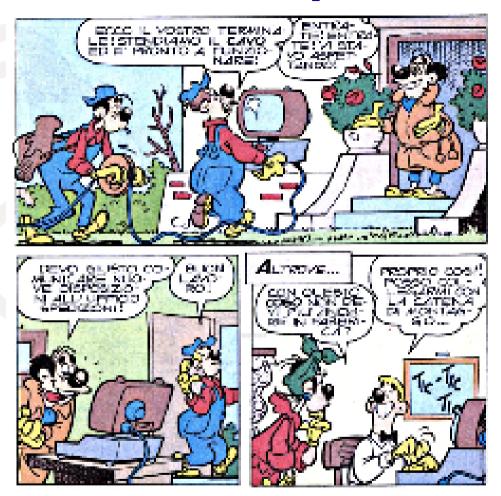


Pune, India, 13 - 15 Dec 2010:

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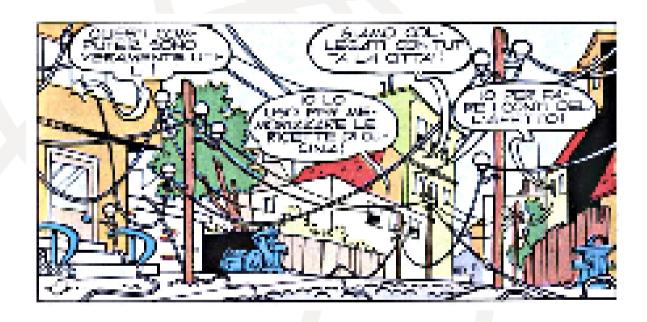
Internet Spread



June 19, 1983



Telecoms Spread



June 19, 1983

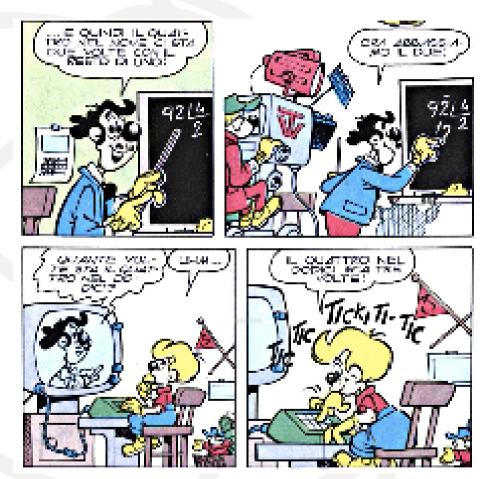


Today: Internet Spread





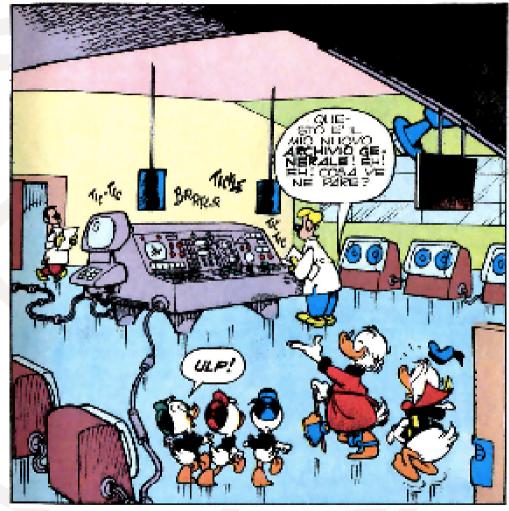
Distance Learning



June 19, 1983



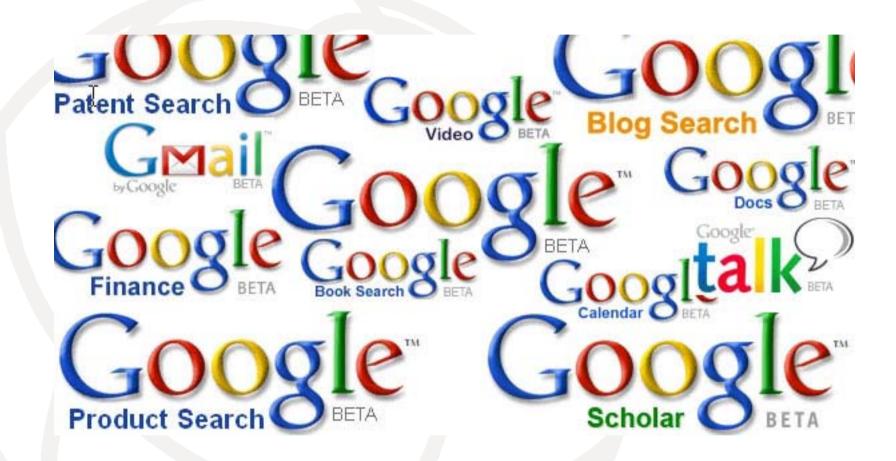
What about Searches?



June 18, 1984



Today: Search Engines!

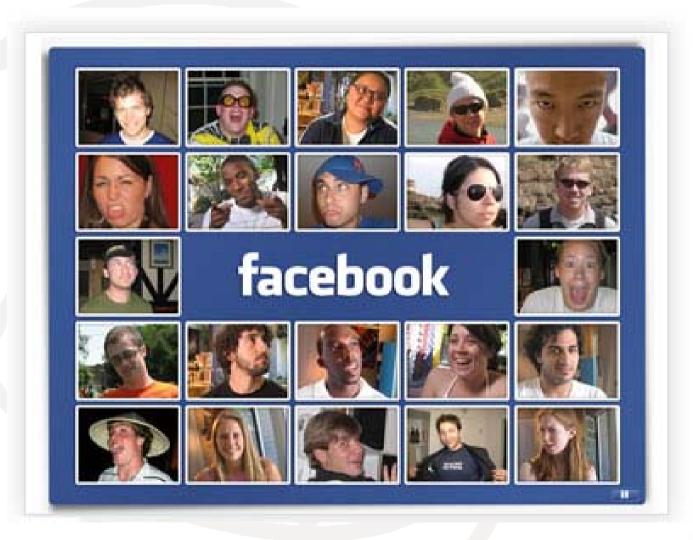


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Today: Community Networks!





Speaking to cars



June 29, 1986

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Today: Bluetooth !!!



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Travelling in space and time



July 10, 1988



Travelling in space and time





Travelling in Time and Space

- Mickey Mouse was right predicting, in 1983, the Internet spread all over the world
- Mickey Mouse was right predicting Google and Facebook, in 1984
- Mickey Mouse was right predicting Bluetooth, in 1986
- Why should he be wrong, predicting time and space travels in 1988?



Travelling in time and space ...

... Why not ...?

IMPLEMENTATION

- Internet of things
- Green Telecoms
- Device convergence
- Virtual handsets
- In(on)-body handsets
- Next generation Sensors
- Next generation quality management

... think about that ...