

Knowledge Transfer | *Accelerating Innovation*



The Knowledge Transfer Group at the HR Induction Program (session II)

Giovanni Anelli

(giovanni.aneli@cern.ch)

Head of Knowledge Transfer Group

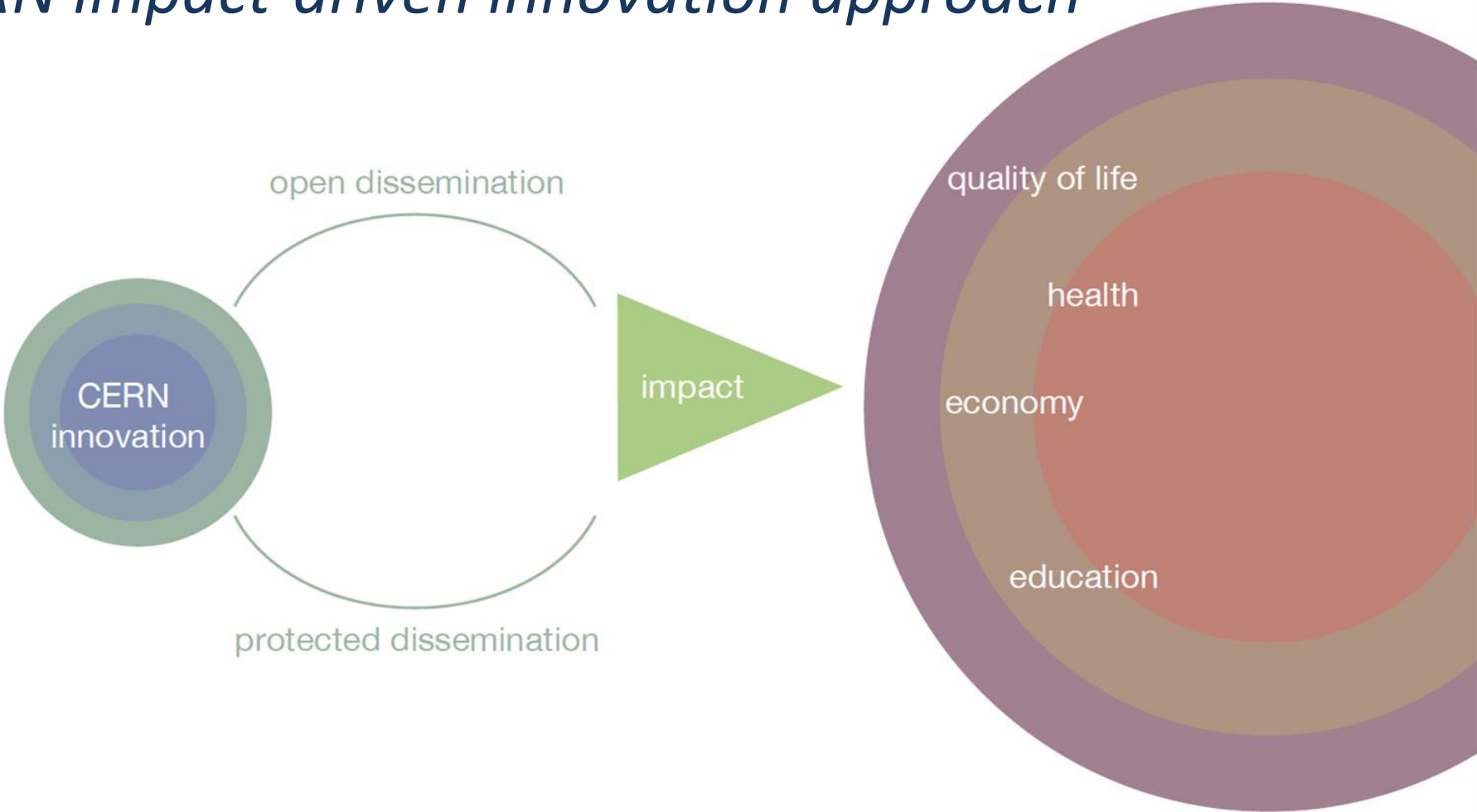
Finance, Procurement and Knowledge Transfer Department

CERN

Knowledge Transfer | *Accelerating Innovation*



CERN impact-driven innovation approach

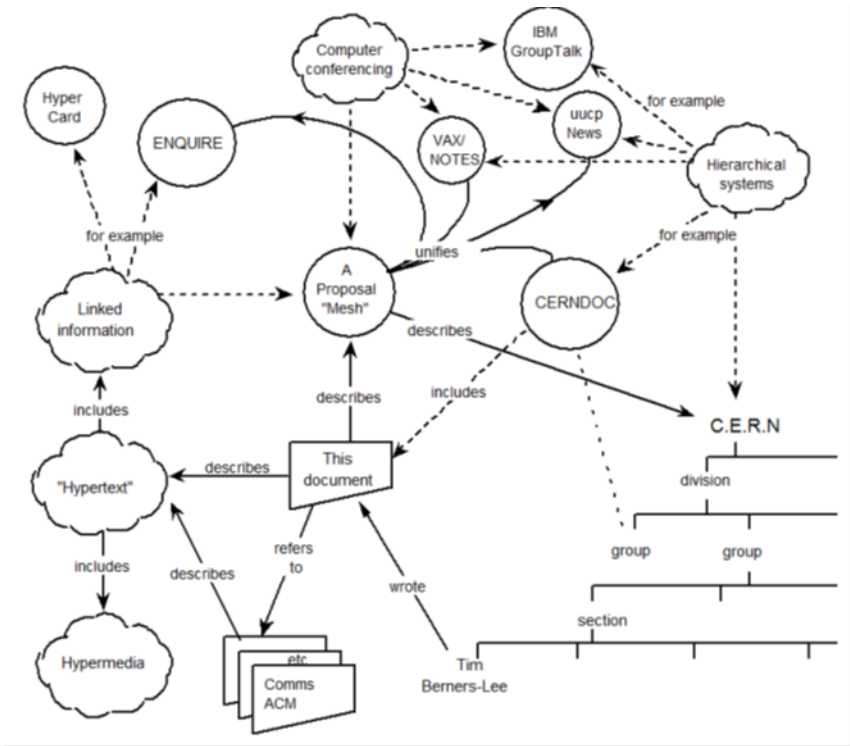
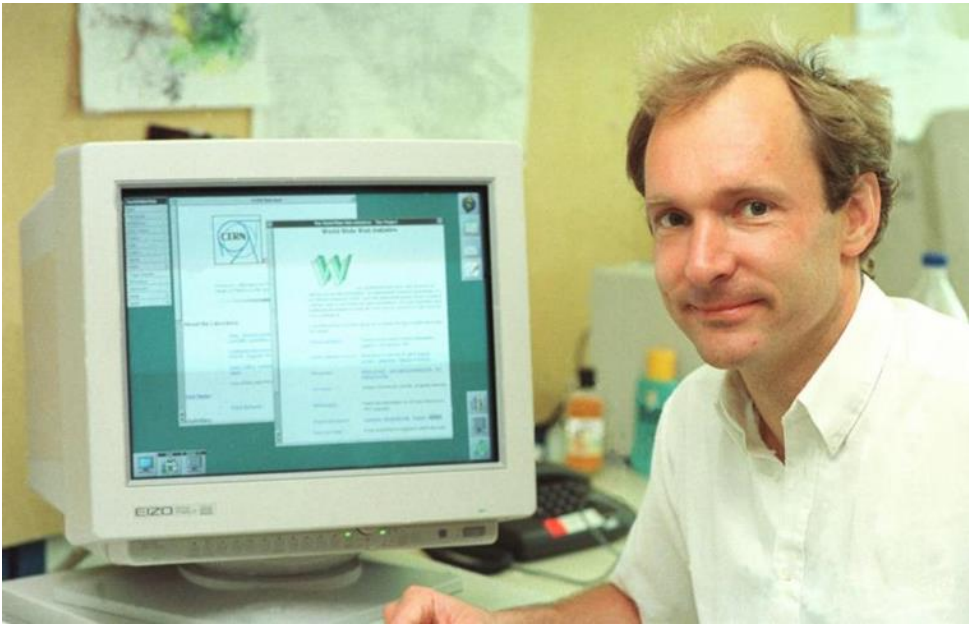


Knowledge Transfer

stories of innovation

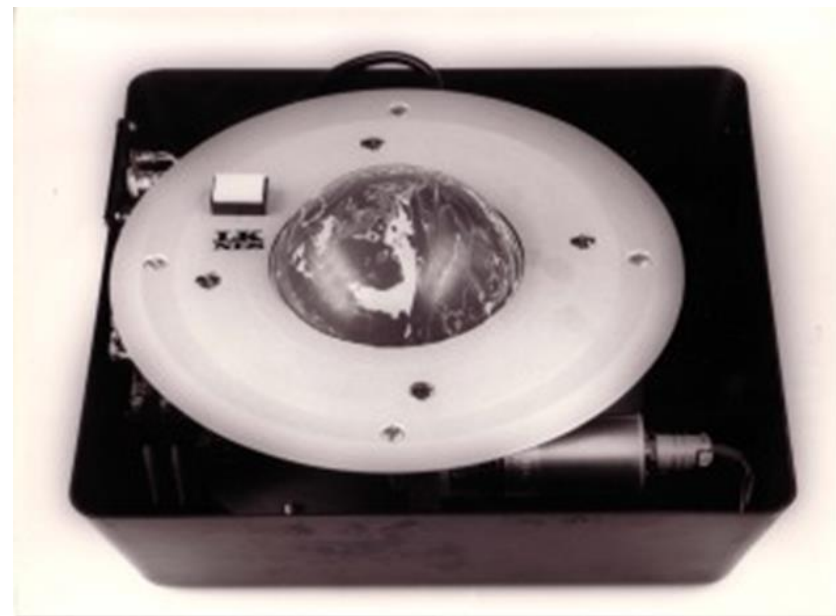


Where the World Wide Web was born



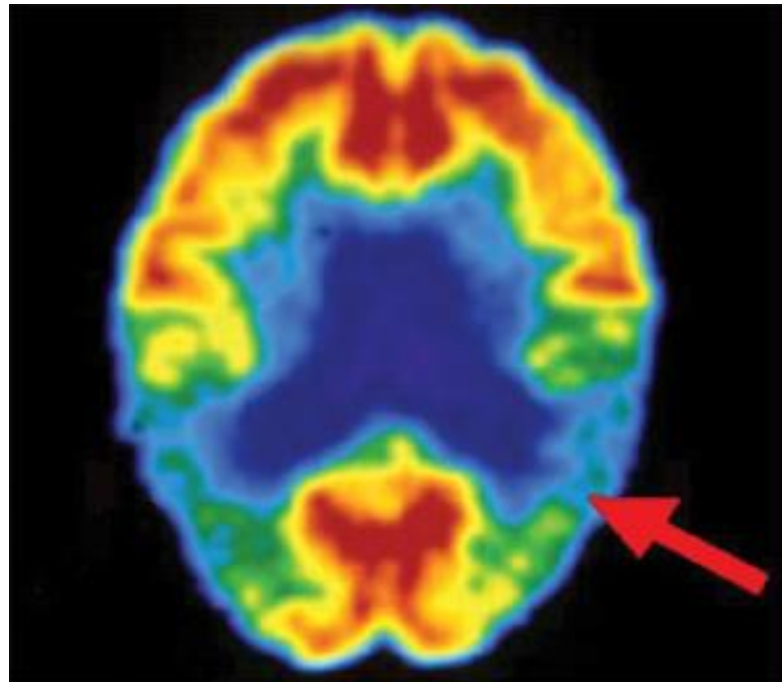
Touchscreens and Trackballs

...two 'tangible' stories of innovation:



from HEP to Medical Application

PET scan



from ultra-high vacuum techniques to
Solar Panels

<http://cdsweb.cern.ch/record/1275124>



Knowledge Transfer through People

<http://cdsweb.cern.ch/record/1335104>



The Knowledge Transfer Group

The Knowledge Transfer Group has the objective of promoting, supporting and maximising knowledge and technology transfer from CERN to society and serves as the focal point for all CERN knowledge and technology transfer activities.

In particular, the KT Group is in charge of the following activities:

Intellectual Property Dissemination

Life Sciences



IP Dissemination Section

Inspired by CERN's principle of maximizing the benefits for society, the section acts in support to the valorization and transfer of CERN technologies to external partners and provides the Organization with services related to the management of Intellectual Property.



IP Dissemination Section Services to the Organisation:

Intellectual Property Management
Services for CERN Community

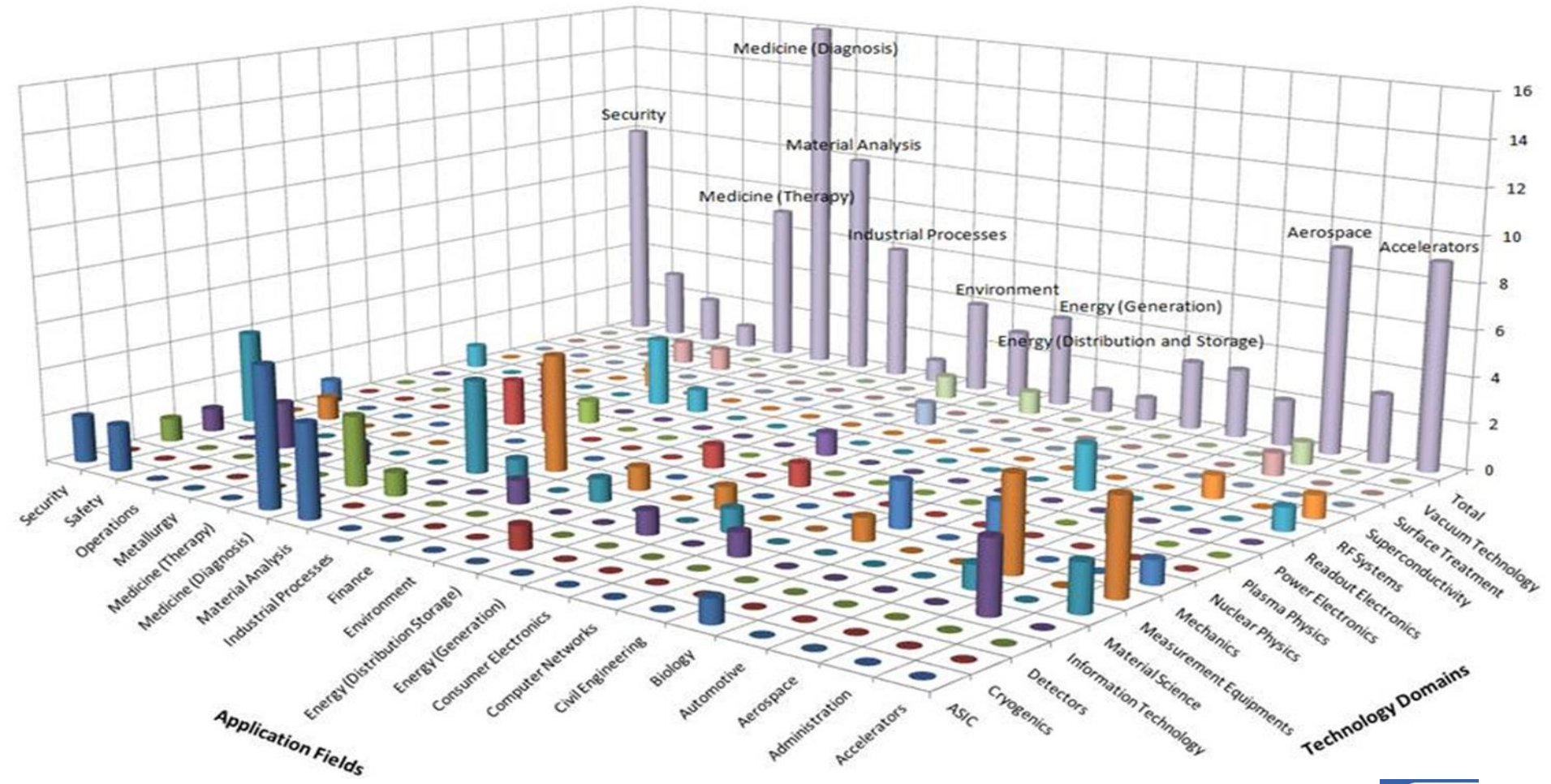
- Legal advice on IP issues
- Patentability studies
- Market assessments
- Industrial needs monitoring
- Contract negotiation
- Promotional activities
- Technology scouting
- Financial support to KT projects

Technology Transfer Support
to External Partners

- Assistance to spin-off creation
- Collaborative R&D model
- Licensing Approach



IP Dissemination Section



Life Sciences Section

The Life Sciences section promotes, raises awareness and participates in multidisciplinary activities relevant to life sciences applications.



Life Sciences Section

In particular, the Life Sciences Section:

- Provides information and advice to the CERN management on all questions of life sciences which may be relevant to CERN
- Gives advice to and participates in activities dealing with life sciences carried out CERN wide
- Continues and expands the participation in EC funded R&D and training projects across a distinguished network of European research centres, universities and healthcare companies
- Enhances the ENLIGHT network for hadron therapy and expand CERN's collaboration to external life sciences activities
- Promotes and organizes knowledge exchanges events in the multidisciplinary domain of medical applications, bringing together Physics, Biology and Medicine expertise for the advancement of cancer treatment.



Life Sciences Section

ICTR-PHE 2014

Uniting physics, biology and medicine for better healthcare



A conference that brings together the International Conference on Translational Research in Radio-Oncology and Physics for Health in Europe.

Geneva, February 2014

Knowledge Transfer | *Accelerating Innovation*



Contact

the Knowledge Transfer group

the group administrative officer: Silke Bachmann
the group leader: Giovanni Anelli
the life-science section leader: Manjit Dosanjh
the IP dissemination section leader: David Mazur

silke.bachmann@cern.ch
giovanni.anelli@cern.ch
manjit.dosanjh@cern.ch
david.mazur@cern.ch

Visit

the website

<http://cern.ch/knowledgetransfer/>

Accelerate Innovation... take part!

