

amy.bilton@cern.ch
Knowledge Transfer Officer
IPT Department





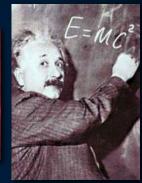
The Mission of CERN

Research

Push back the frontiers of knowledge

E.g. the secrets of the Big Bang ...what was the matter like within the first moments of the Universe's existence?





Develop new technologies for accelerators and detectors

Information technology - the Web and the GRID Medicine - diagnosis and therapy





Train scientists and engineers of tomorrow





Unite people from different countries and cultures

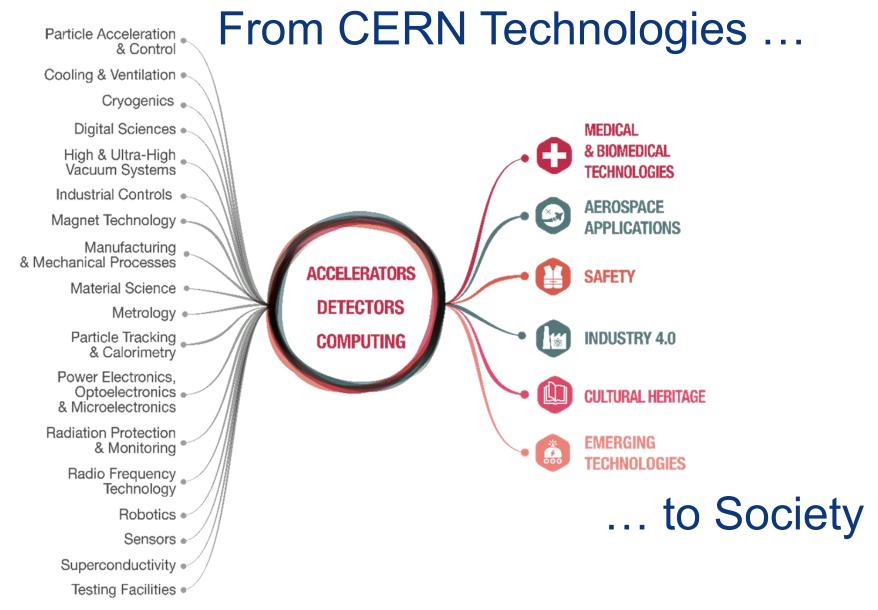


The Organization shall provide for collaboration among European States in nuclear research of a pure scientific and fundamental character...

...and the results of its experimental and theoretical work shall be published or otherwise made generally available.

Convention for the Establishment of a European Organization for Nuclear Research Paris, 1st July, 1953, as amended on 17 January 1971. From Article II: "Purposes". The mission of the CERN
Knowledge Transfer group is to
maximise the global positive
impact of CERN on society



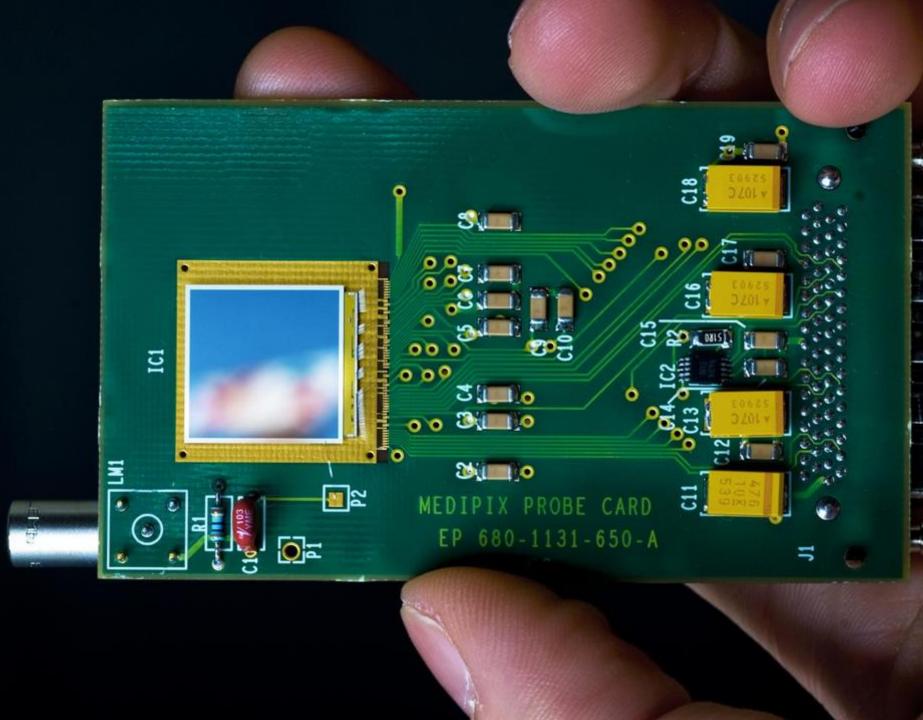












Spectral imaging - Medipix chip

The New York Times

TRILOBITES

3-D Color X-Rays Could Help Spot Deadly Disease Without Surgery

A new medical scanner, derived from technology used by particle physics researchers at CERN, "is like the upgrade from black-and-white film to color," one of its developers said.

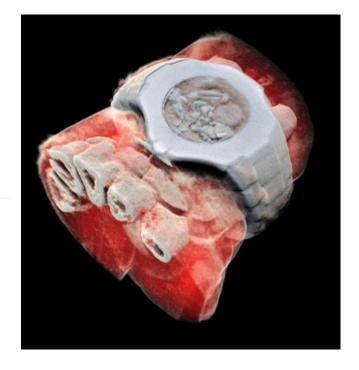


Image: A 3D image of a wrist with a watch showing part of the finger bones in white and soft tissue in red. (Credit: MARS Bioimaging Ltd.)



Image: Slotting a painting into the X-ray scanner, which will analyse it at a high resolution.

(Credit: InsightArt s.r.o.)





First full satellite CELESTA tested at CHARM

Funding Opportunities for CERN Projects

CERN Knowledge Transfer Fund CERN Medical Applications Budget

Collaborations and Networks

Knowledge transfer networks Strengthening links with Member States (KT Forum) Relations with International Organisations Knowledge transfer in EC co-funded projects



Entrepreneurship

Start-ups & Spin-offs Entrepreneurship Meet-Ups Business Incubation Centres Entrepreneurship Programmes

Support for CERN Personnel

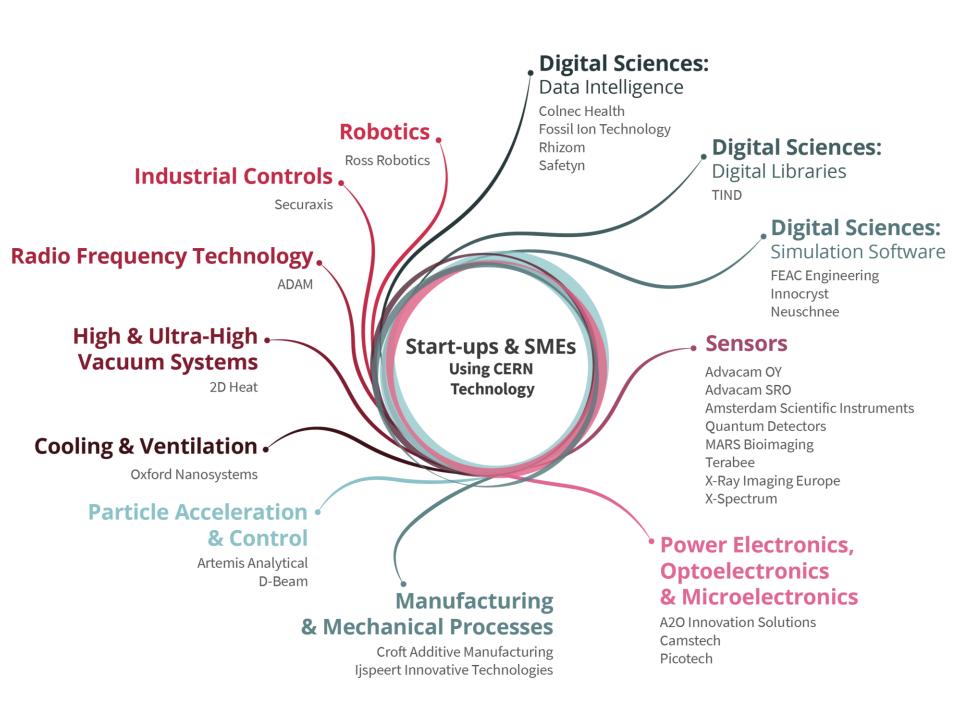
Formal and practical training in business, entrepreneurship & knowledge transfer Legal, business & intellectual property support

Events

Knowledge Transfer Seminars Conferences with a significant contribution by the Knowledge Transfer group

Intellectual Property Management

R&D collaborations
Patent portfolio
Licence, service & consultancy agreements





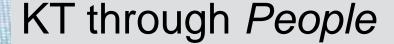
KT through *Industry*

MEET CERN AT BSBF2018 IN COPENHAGEN

LESS THAN 2 MONTHS TO GO...
REGISTER NOW

#BSBF2018

Photo credit: CERN





alumni

The High-Energy Network
Le Réseau des hautes énergies

See the full programme and register at http://cern.ch/go/XJ67



Find out more at kt.cern

