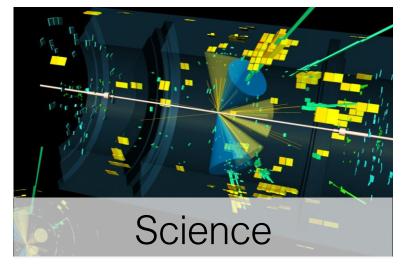


Introduction to CERN KT

Giovanni Anelli Giovanni.anelli@cern.ch 07.03.2022

CERN's Mission







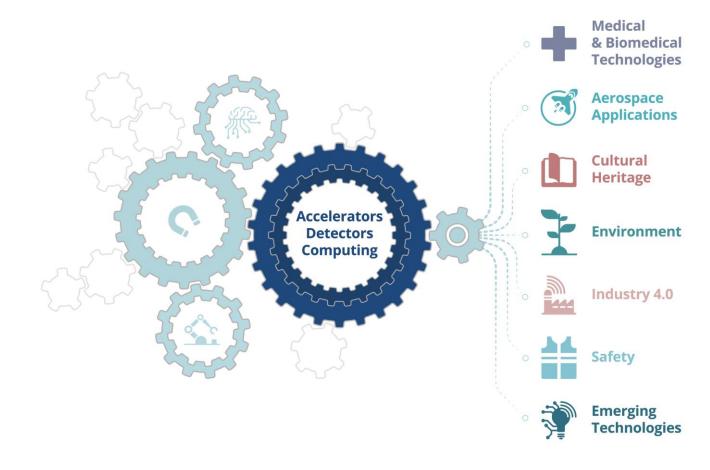


KT's Mission

- Maximise the technological and knowledge return to society, in particular through Member States industry
- Promote CERN as a centre of excellence for technology and innovation

Demonstrate the importance and impact of fundamental research investments

From CERN Technologies...

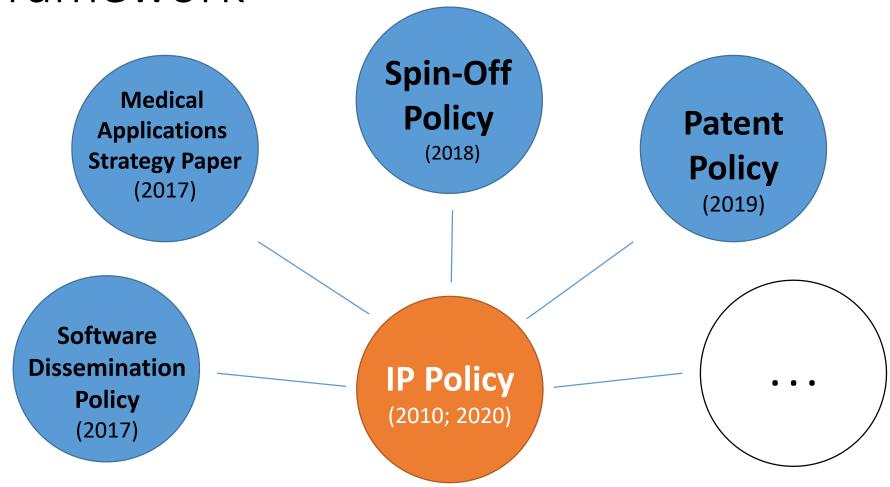


... to Society

Knowledge Transfer Tools



KT Framework



Aerospace Applications

CELESTA

First full satellite tested at CHARM



Aerospace Applications

NASA

Radiation monitoring in NASA's Orion vehicle and at the International Space Station

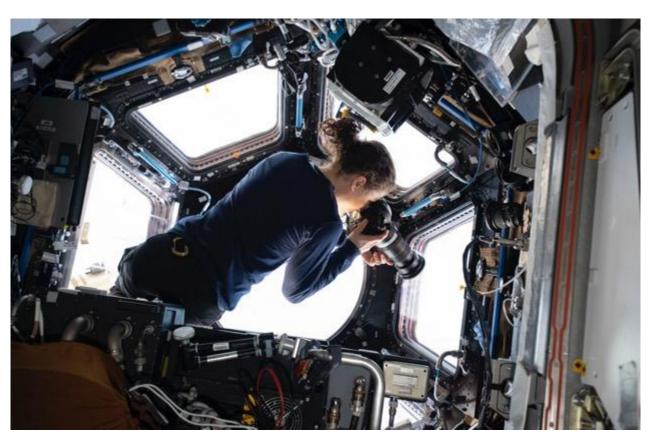


Image: NASA

Cultural Heritage

InsightART

Measuring the DNA of your art

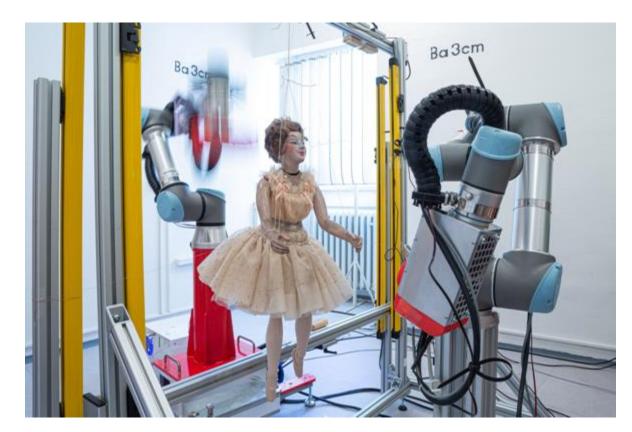


Image: InsightART

Cultural Heritage

MACHINA

A compact transportable accelerator for art examination



Medical and Biomedical Technologies

Mars Bioimaging

First 3D colour X-ray of a human using CERN technology

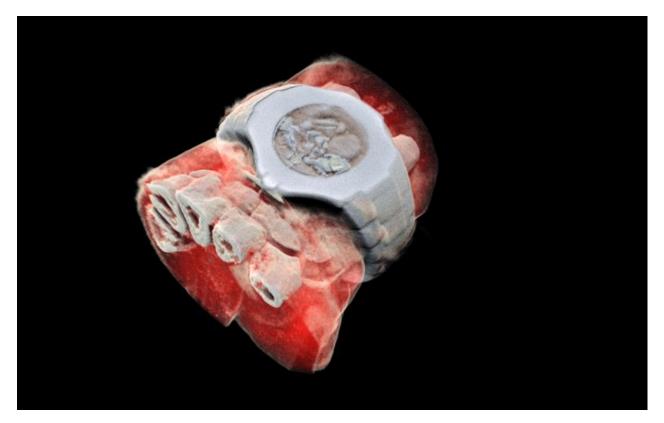


Image: Mars Bioimaging

Medical and Biomedical Technologies

CERN-MEDICIS

New tools for precision medicine



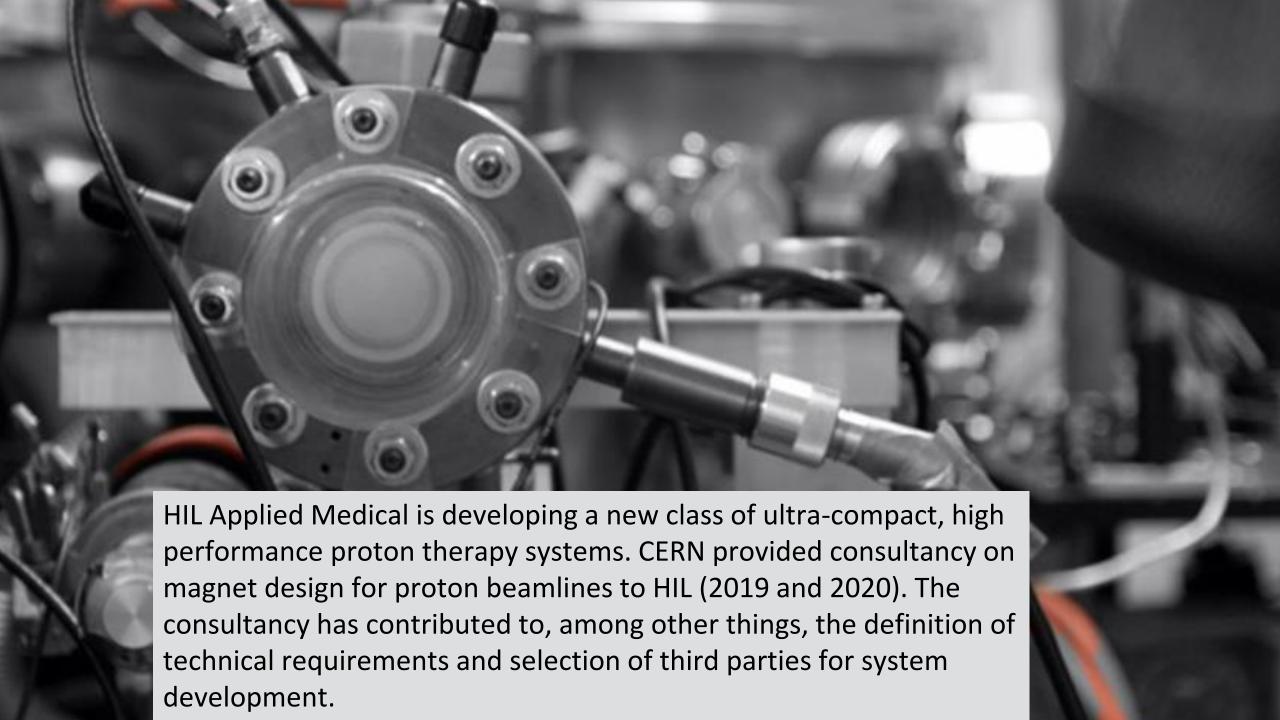
Medical and Biomedical Technologies

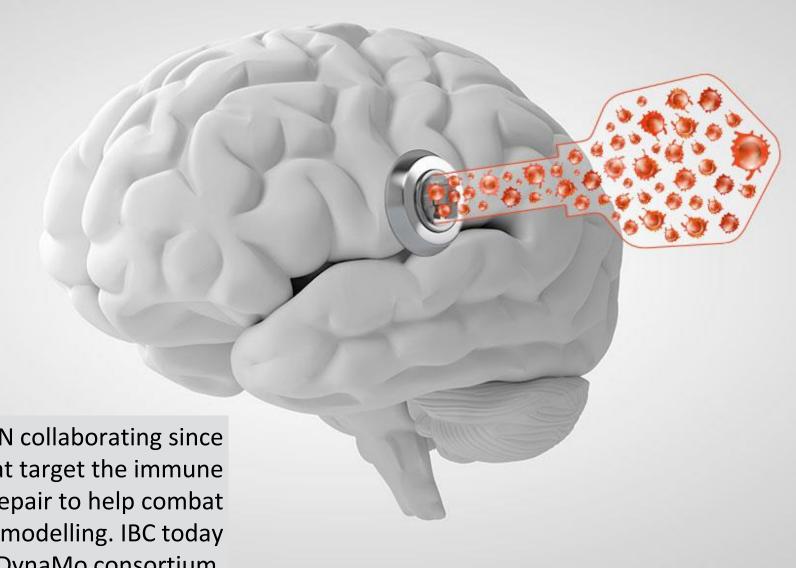
Therapeutic Particles

Cutting-edge solutions for advanced cancer radiotherapy



Image: CNAO





ImmunoBrainCheckpoint (IBC) and CERN collaborating since 2019 to develop novel therapies that target the immune system and trigger brain repair to help combat neurodegeneration using agent based modelling. IBC today partner in the BioDynaMo consortium.



How to collaborate with CERN



Start a company based on CERN technology or know-how



Service & Consultancy

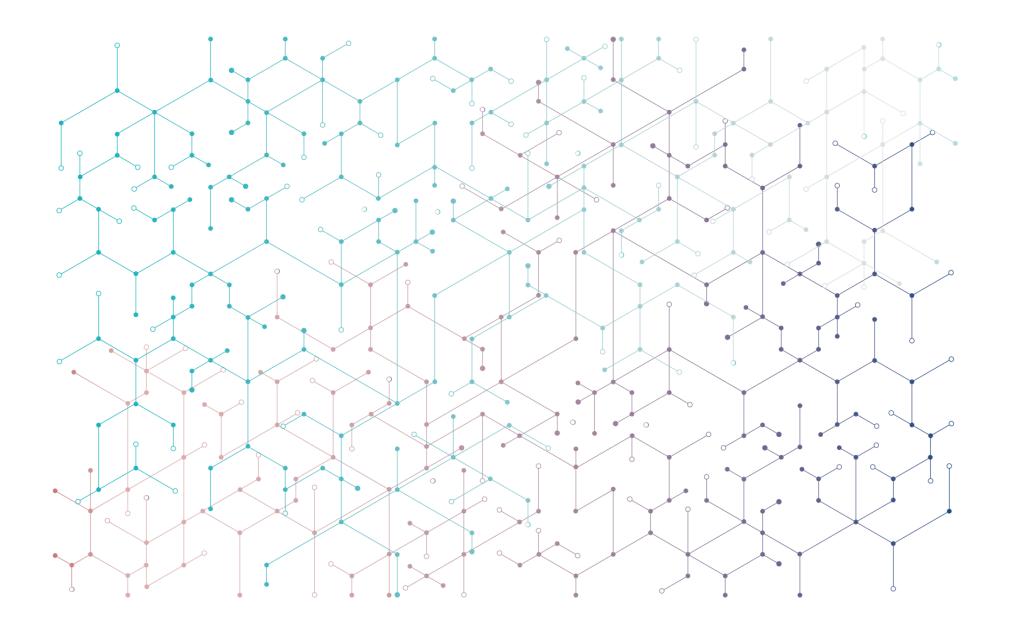


Licensing



R&D Collaborations

Find out more at kt.cern/collaborate



Find out more at kt.cern

