



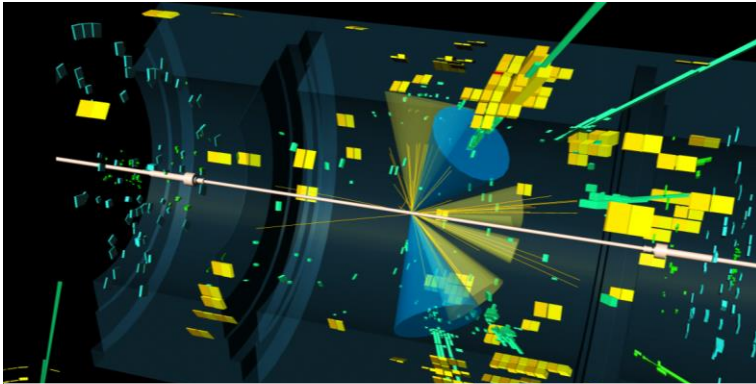
# Introduction to CERN KT

Giovanni Anelli

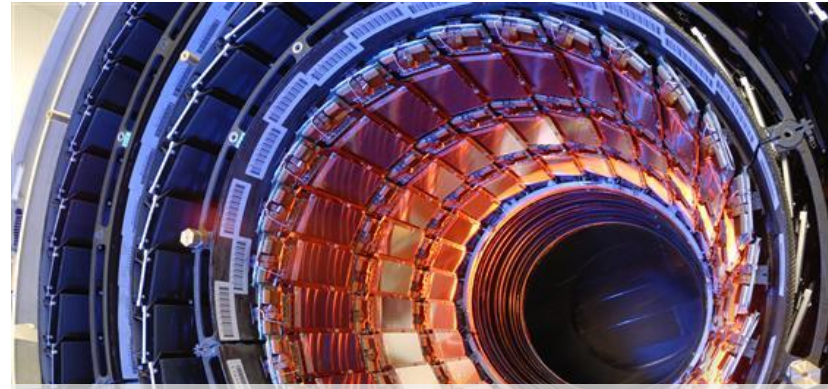
[Giovanni.aneli@cern.ch](mailto:Giovanni.aneli@cern.ch)

09.05.2022

# CERN's Mission



Science



Technology



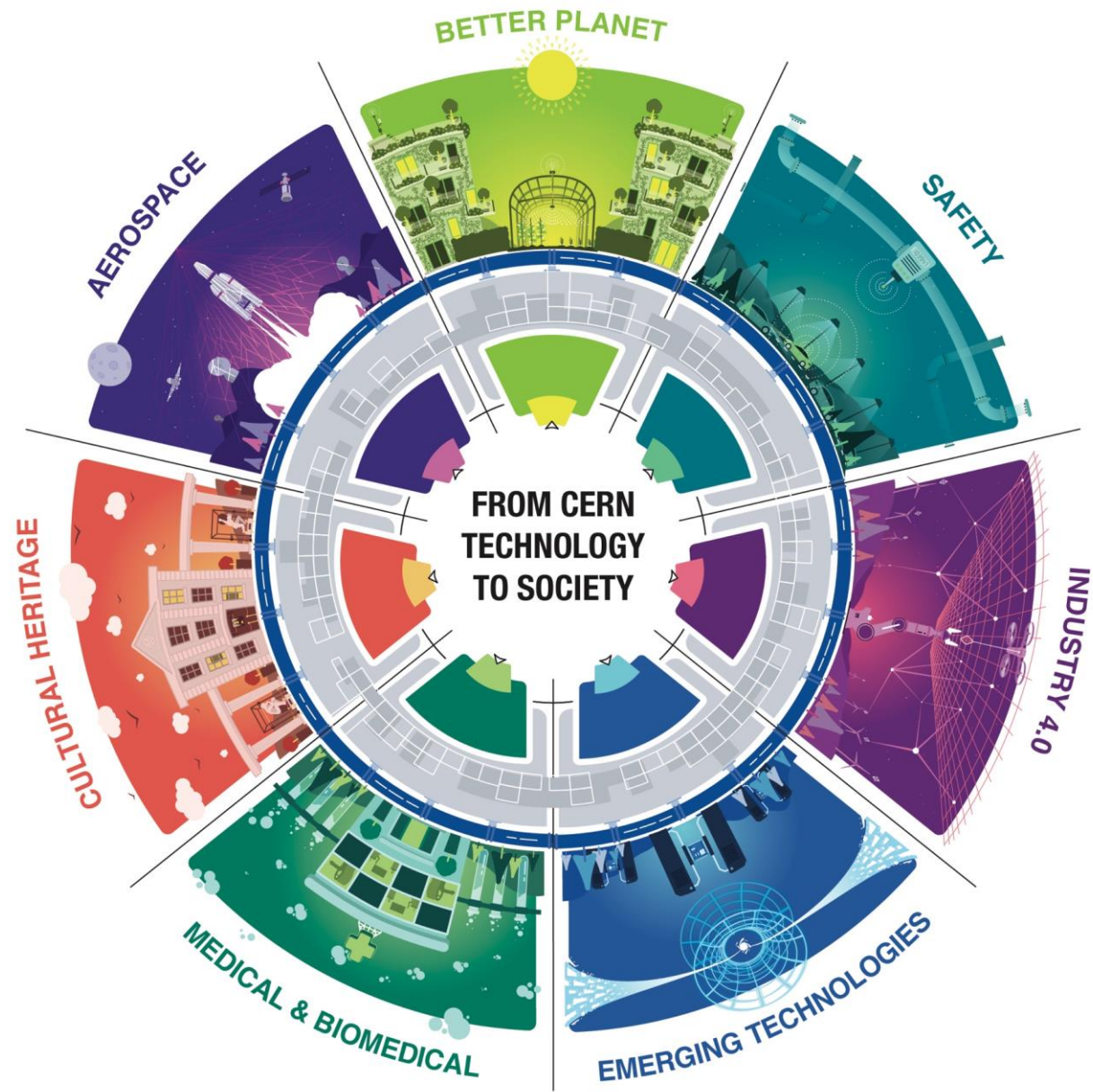
Training



Collaboration

# 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



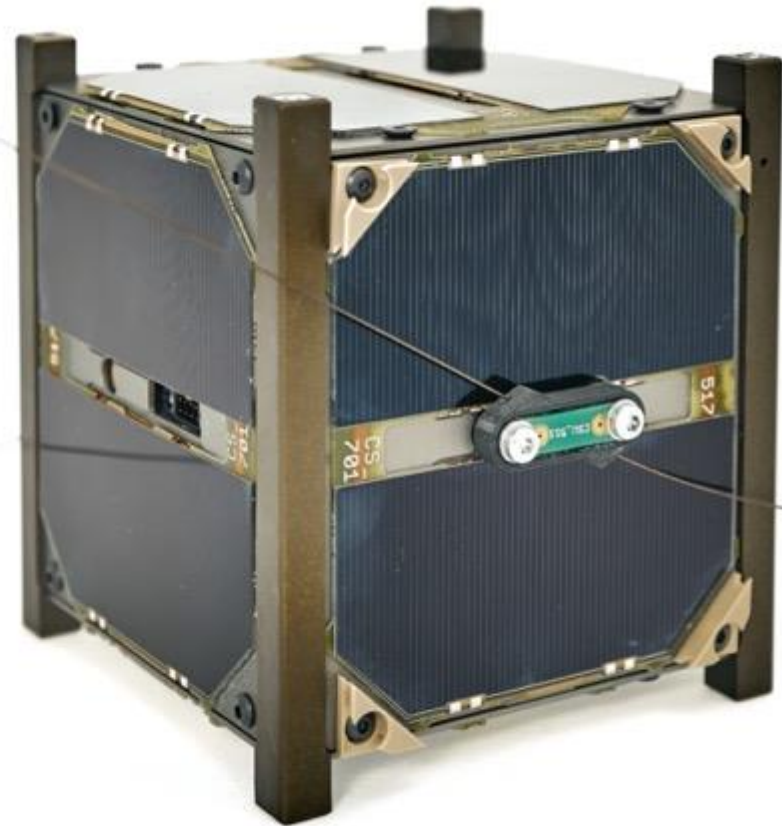
# Knowledge Transfer Tools



# 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

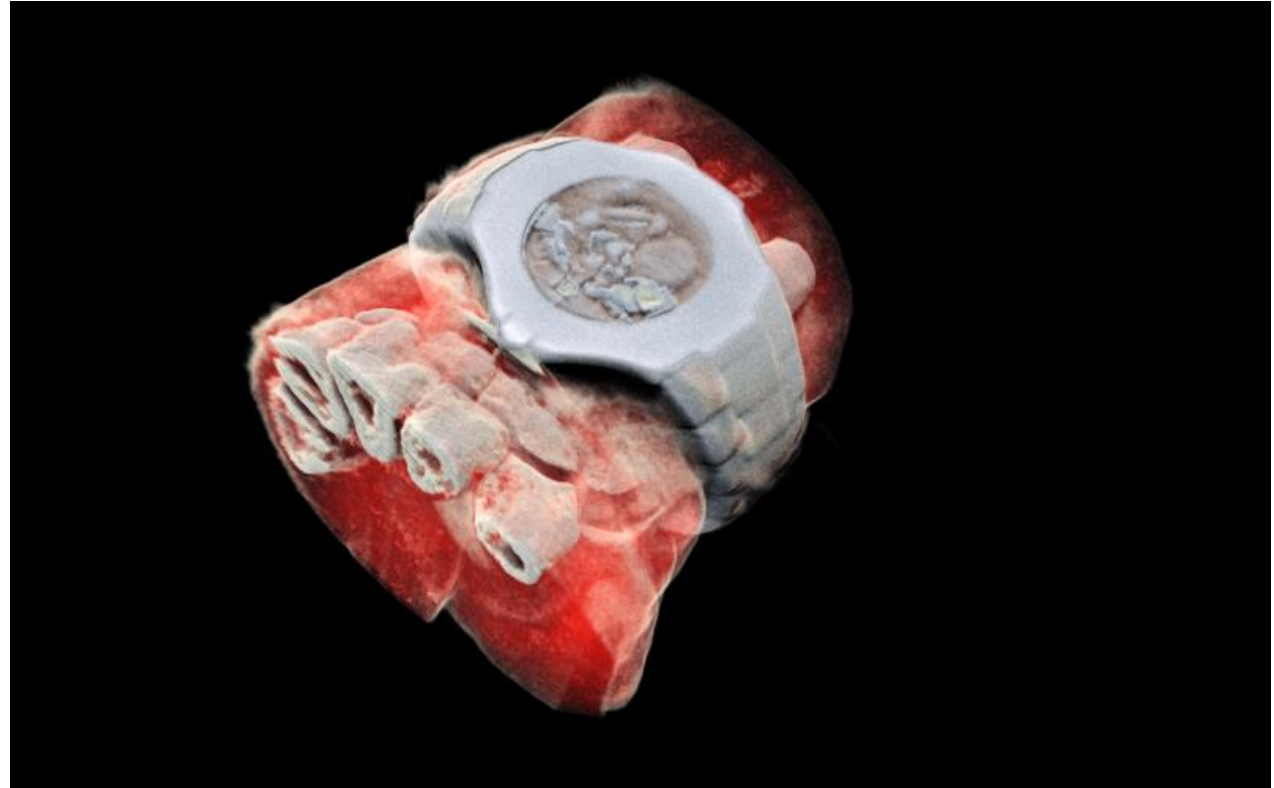


Image: Mars Bioimaging

# 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

# How to collaborate with CERN



Start a company based on CERN technology or know-how



Service & Consultancy

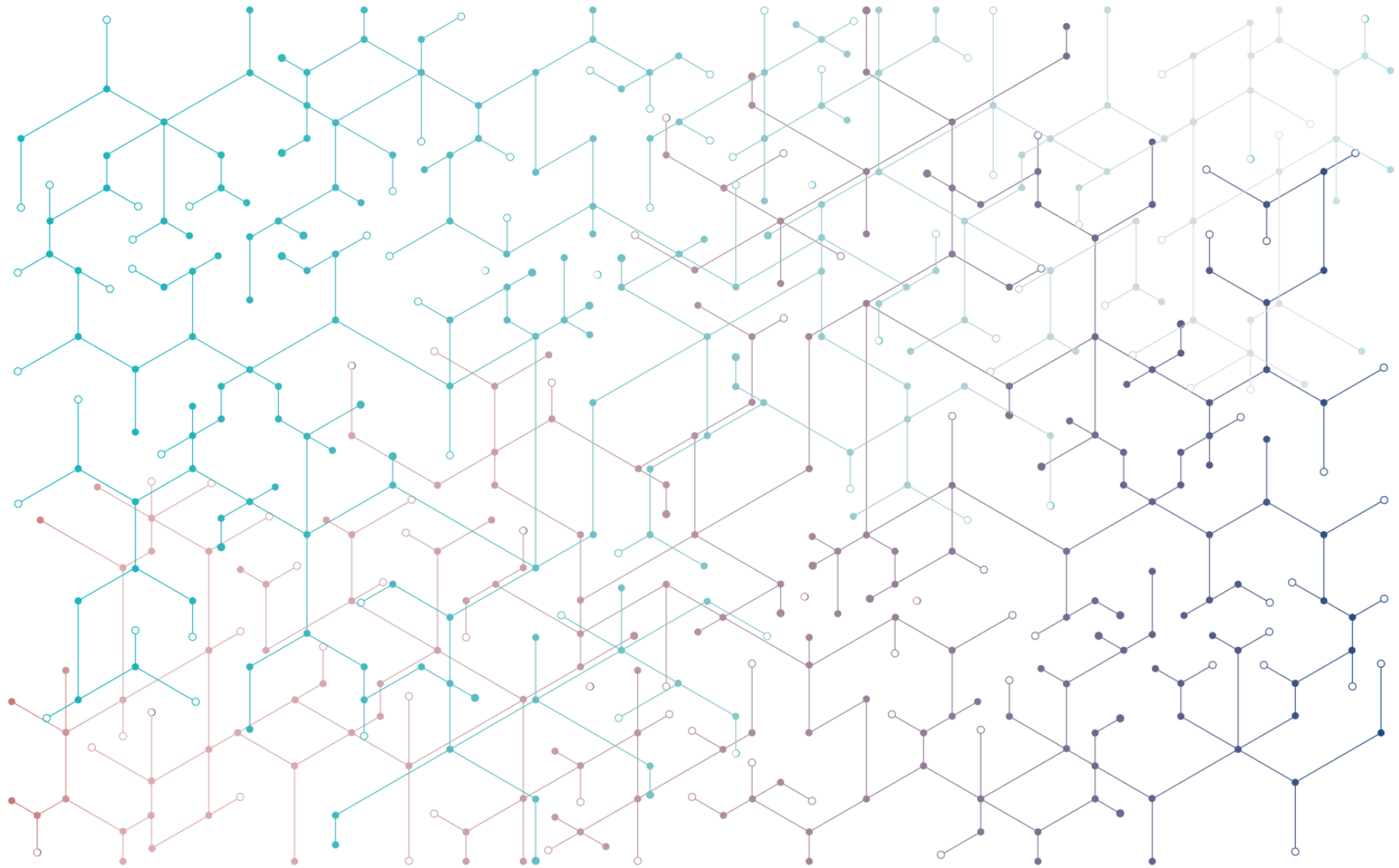


Licensing



R&D Collaborations

Find out more at [kt.cern/collaborate](https://kt.cern/collaborate)



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