



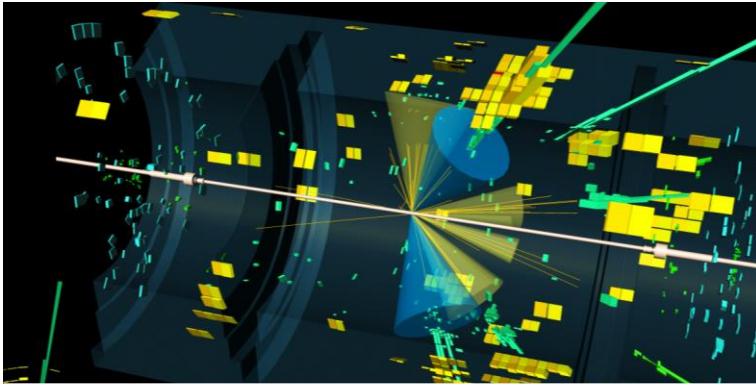
# Potential KT opportunities for Finland

Giovanni Anelli

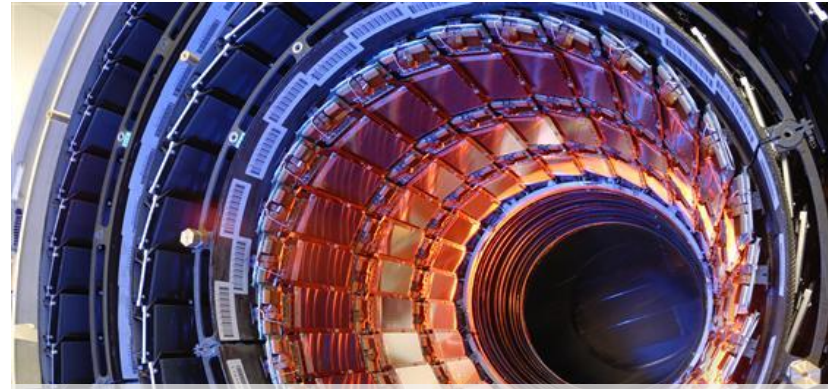
[Giovanni.aneli@cern.ch](mailto:Giovanni.aneli@cern.ch)

25.05.2022

# 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





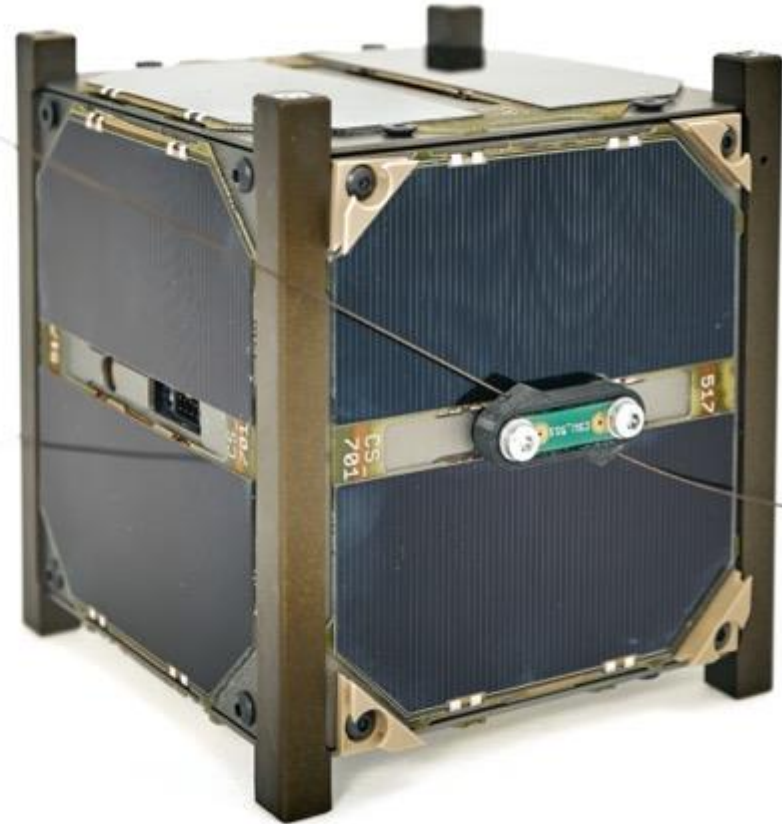
# Knowledge Transfer Tools



# 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

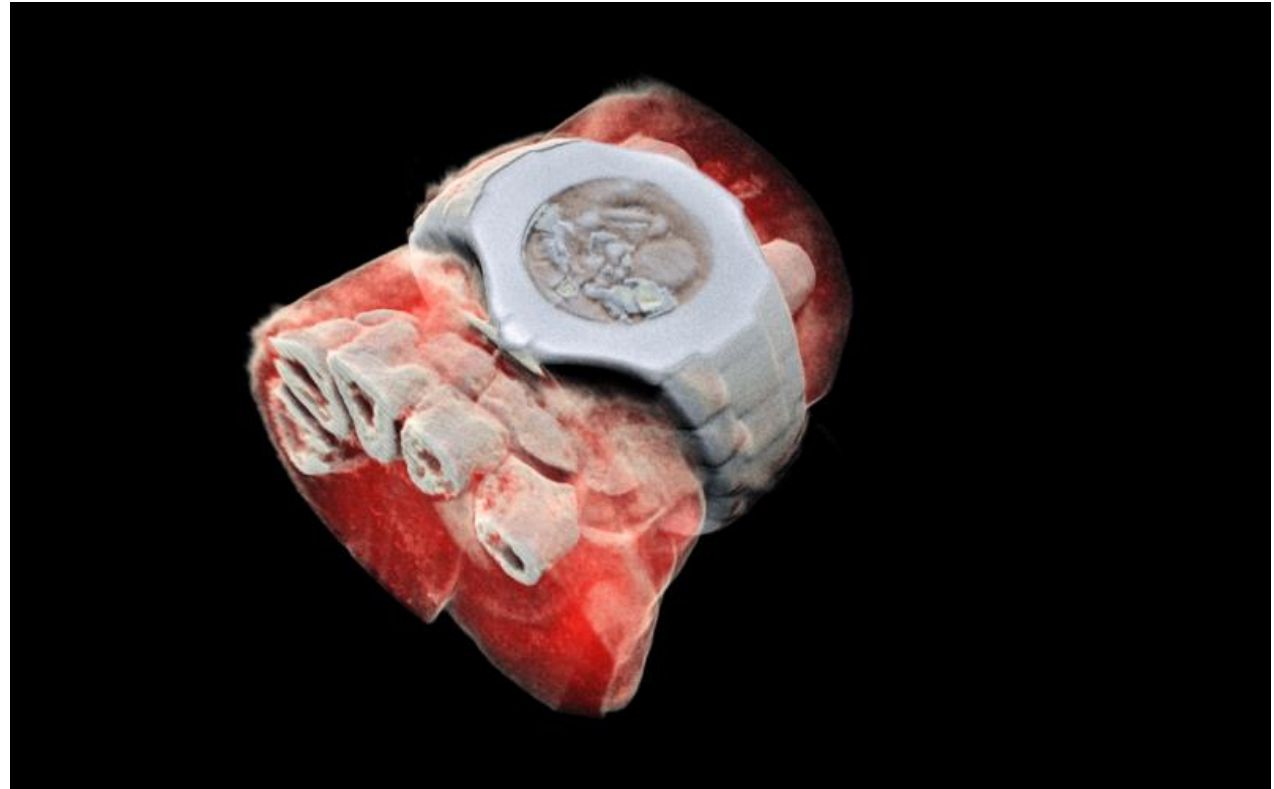


Image: Mars Bioimaging

# 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)

# Value propositions



Knowledge Transfer  
Accelerating Innovation

[ABOUT US](#) ▾ [ACTIVITIES & SERVICES](#) ▾ [TECHNOLOGIES](#) [COMPETENCES](#) [APPLICATIONS](#) ▾ [WHO ARE YOU?](#) ▾ [NEWS](#) [EVENTS](#) ▾

## Key Competences

[Browse our solutions portfolio](#)

### Browse our technology and know-how

CERN's technical expertise and most innovative technologies are available for scientific and commercial purposes through a variety of technology transfer opportunities: R&D collaborations, [CERN technology in your start-up](#), service and consultancy and licensing.

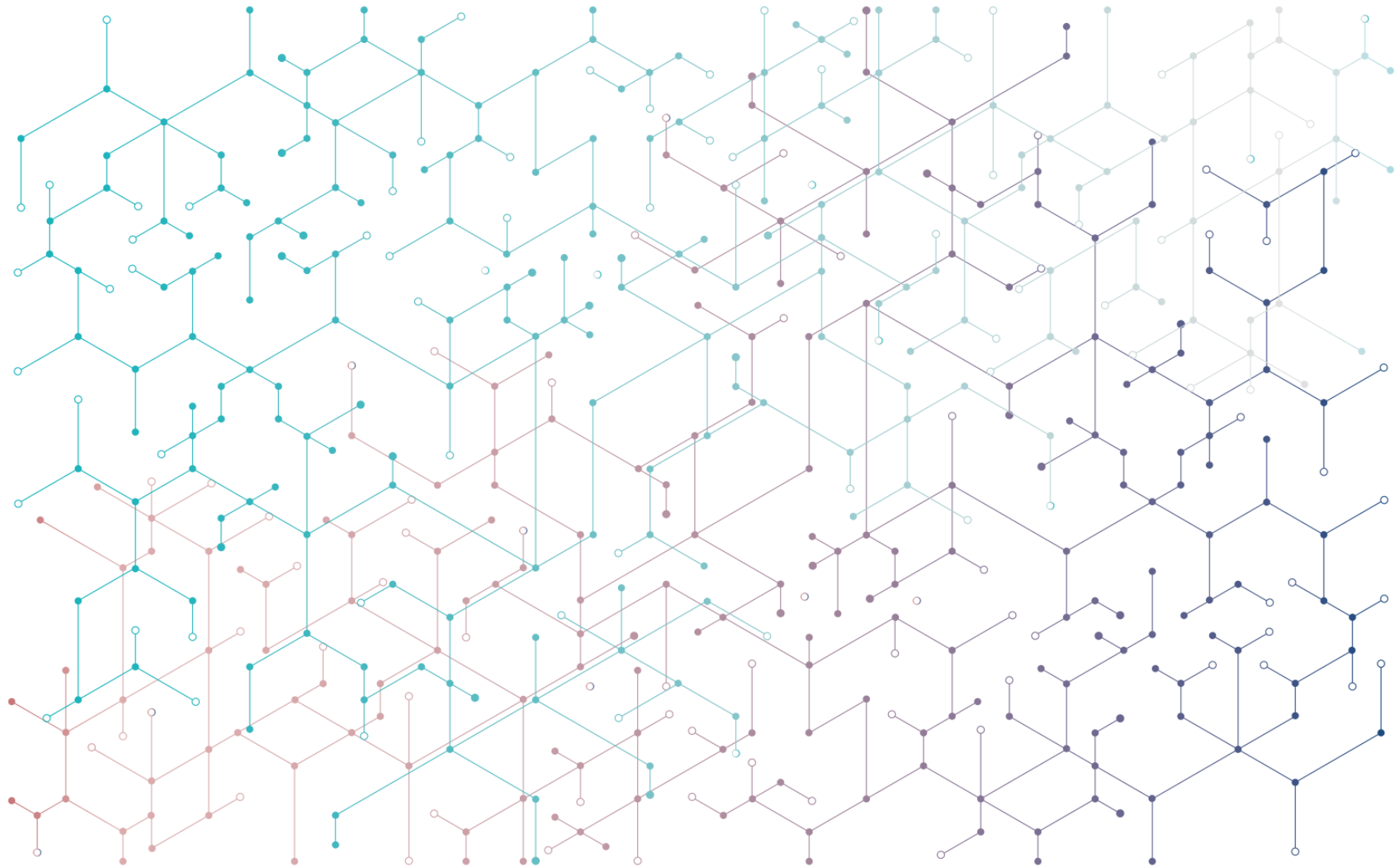
Read more about these opportunities [here](#), [learn how you can collaborate with us](#), or just [contact us](#) if you have any inquiries.

[Or do you work at CERN? Learn more about getting involved in Knowledge Transfer at CERN.](#)

Find all value propositions [here](#).



Knowledge Transfer  
Accelerating Innovation



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