



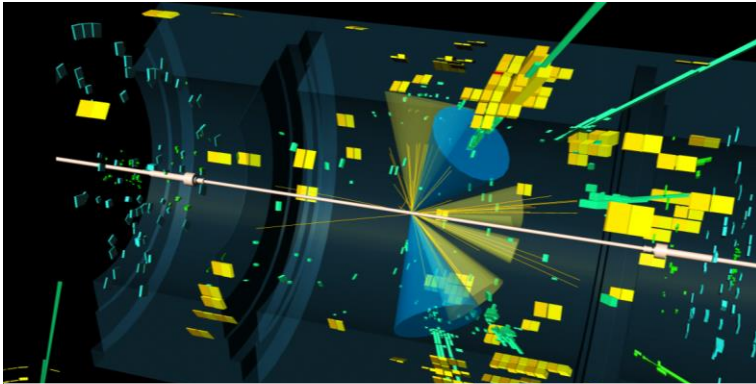
Introduction to CERN KT

Giovanni Anelli

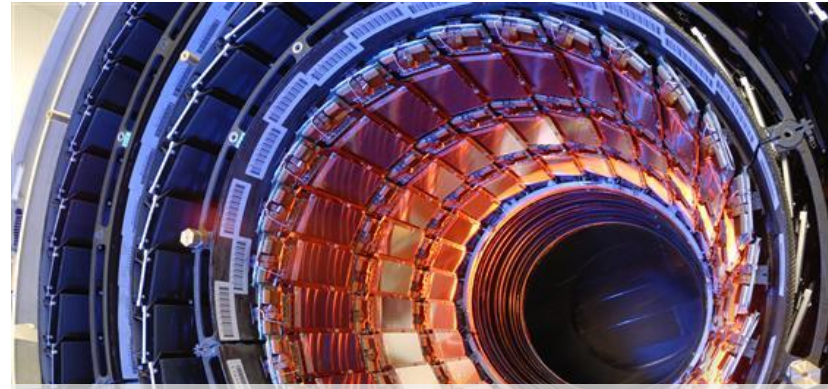
giovanni.aneli@cern.ch

20.06.2022

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



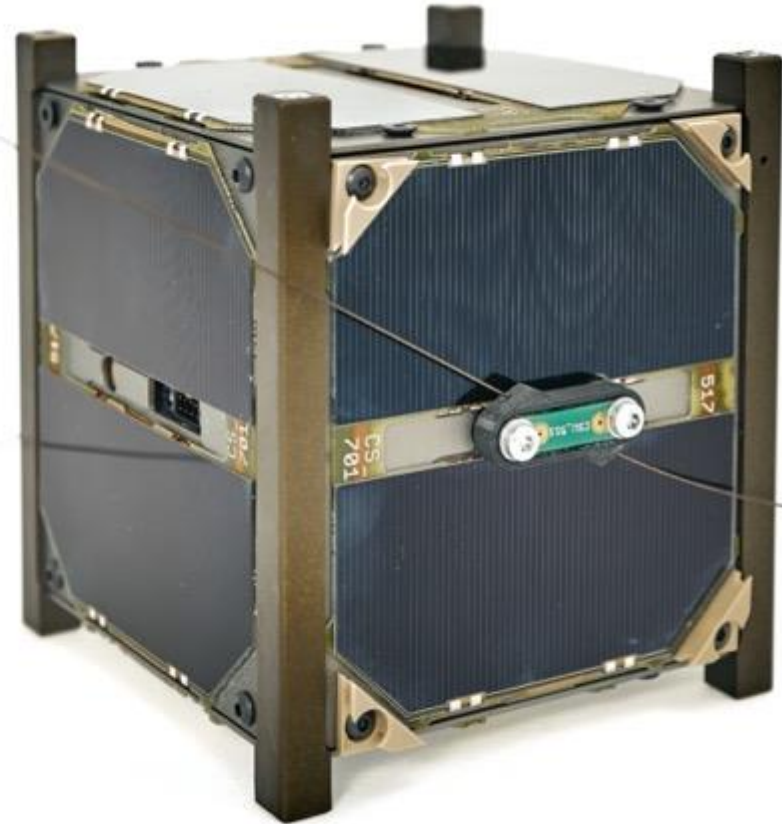
Knowledge Transfer Tools



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

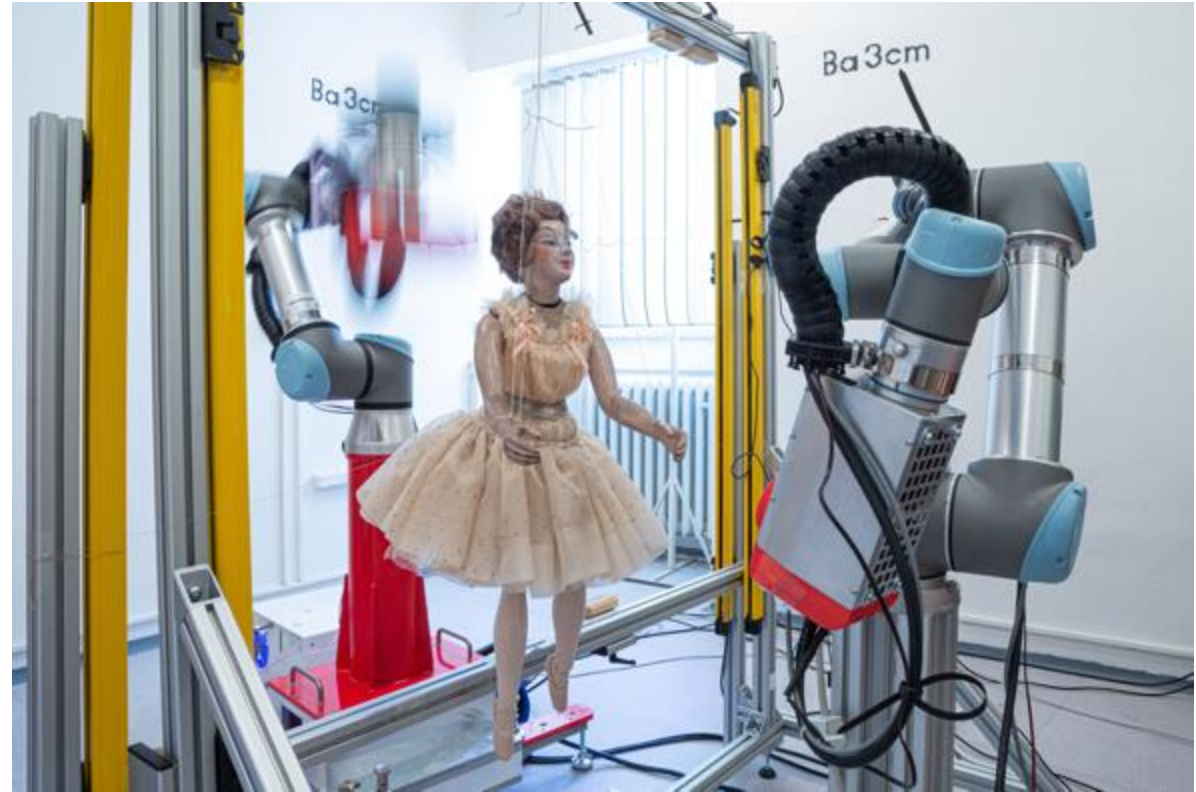


Image: InsightART

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

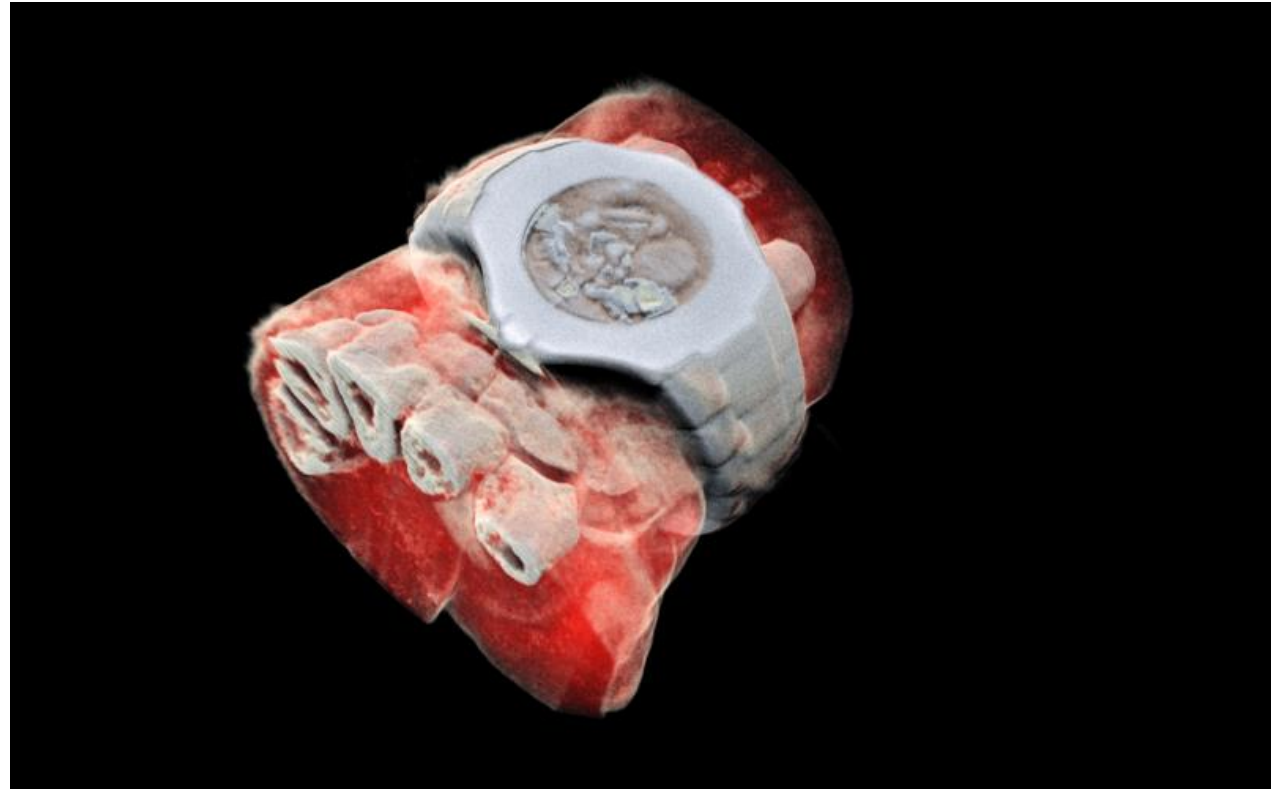


Image: Mars Bioimaging

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

Value propositions



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](#).

Who to contact

Portugal



› Jose Antao

Delegate to KT Forum

LIP | Laboratório de
Instrumentação e Física
Experimental de
Partículas

✉ jose.antao@ani.pt

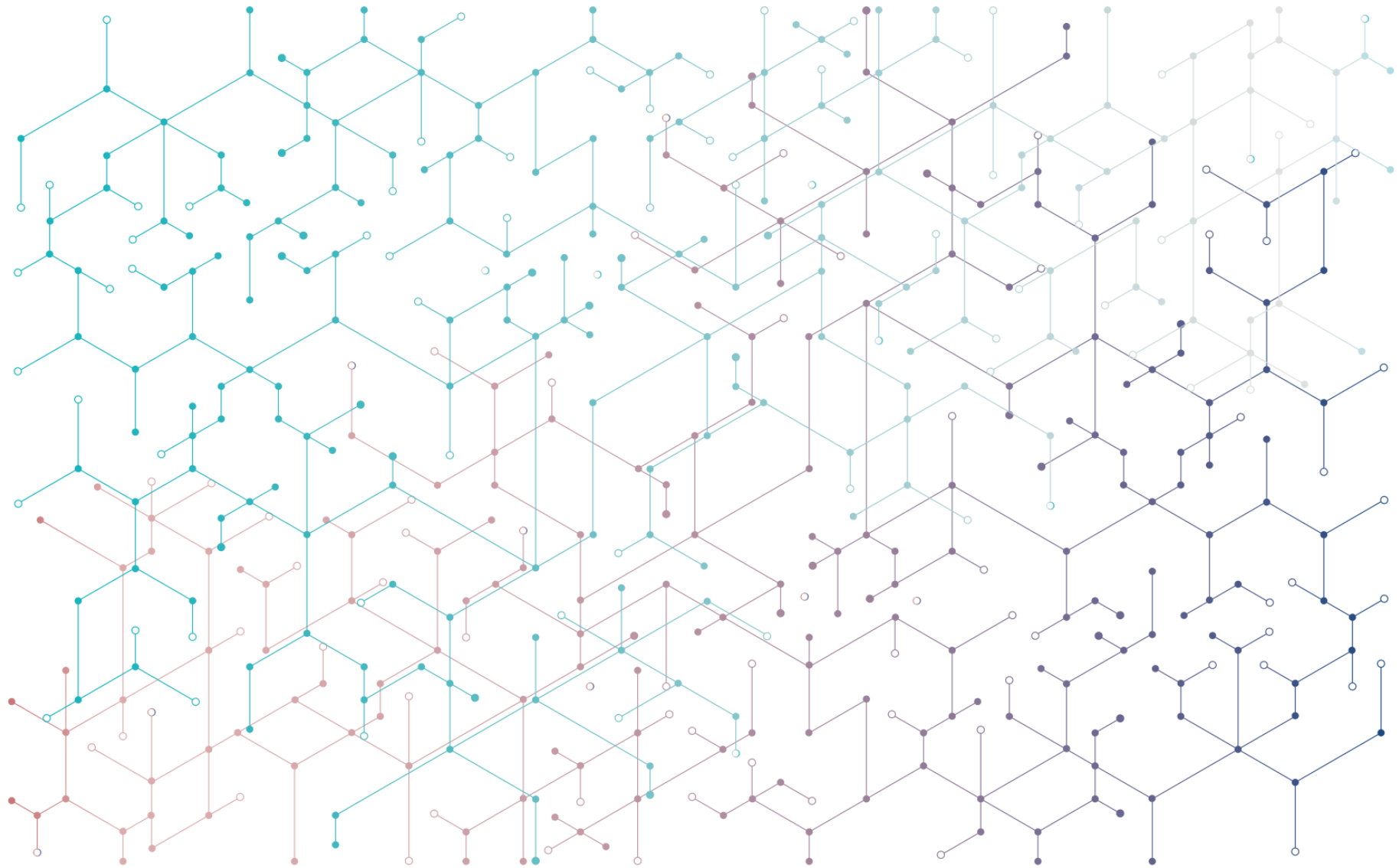


› Paulo Crespo

Delegate to KT Forum on
Medical Applications

LIP | Laboratório de
Instrumentação e Física
Experimental de
Partículas

✉ crespo@lip.pt



Find out more at kt.cern