

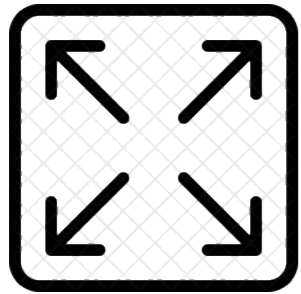
Knowledge Transfer @ CERN

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Knowledge Transfer Group - IPT Department

12.02.2020

KT Mission



Maximise the technological and knowledge return to society in particular through Member States industry



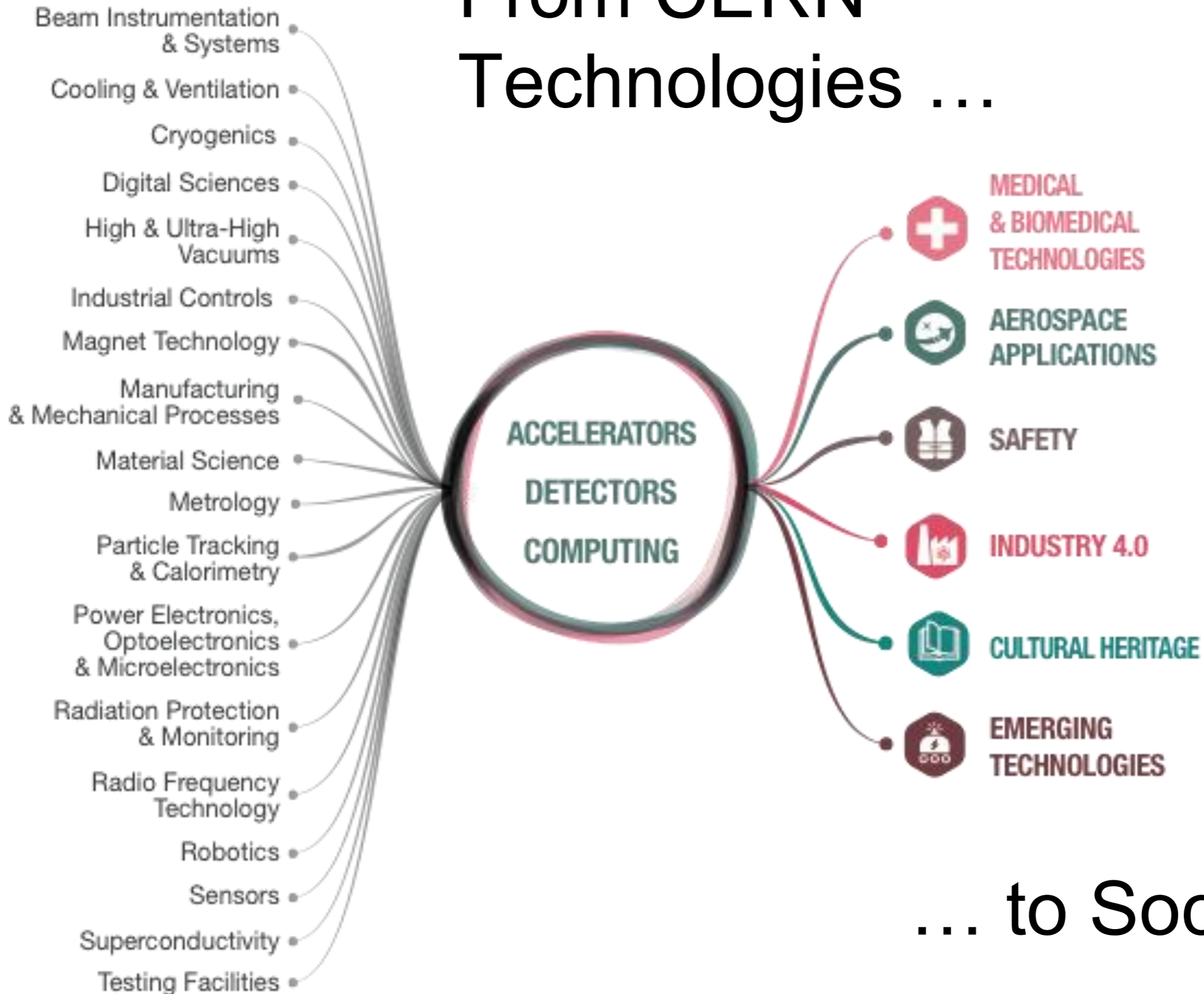
Promote CERN as a centre of excellence for technology and innovation



Demonstrate the importance and impact of fundamental research investments

Key concepts: Dissemination and Impact

From CERN Technologies ...



... to Society

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

Open Source

Open Source Software
Open Hardware Licence

Entrepreneurship

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

Support for CERN Personnel

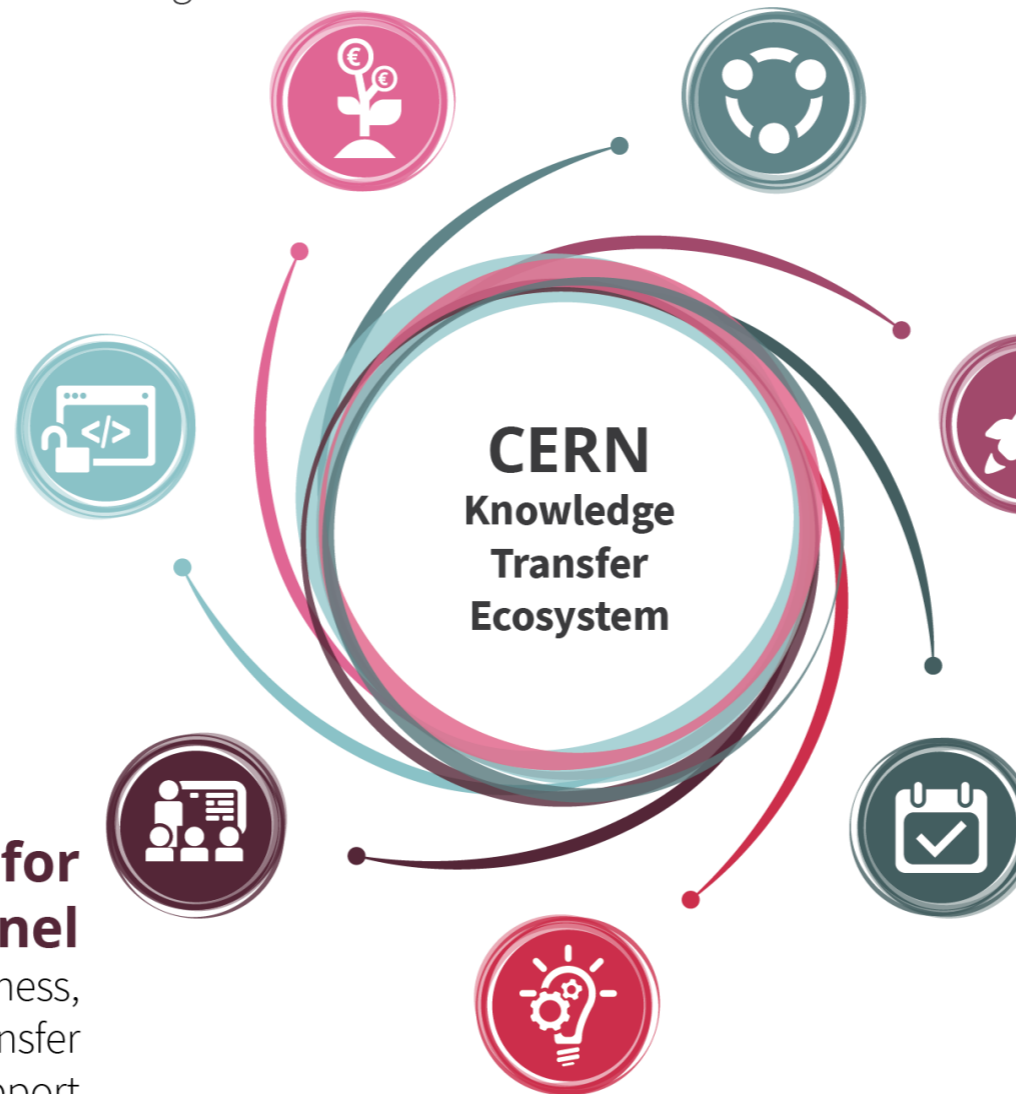
Formal and practical training in business, entrepreneurship & knowledge transfer
Legal, business & intellectual property support

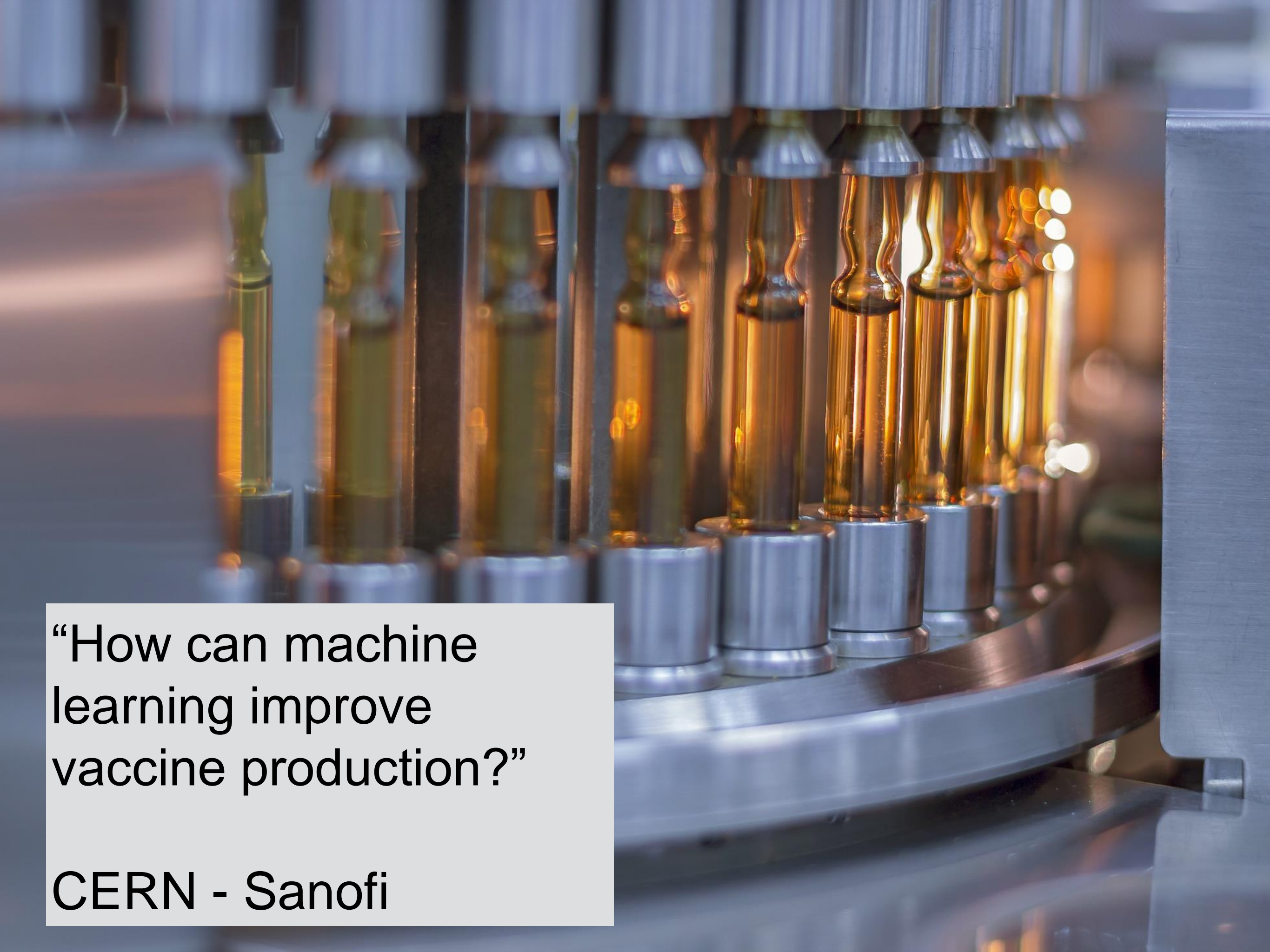
Events

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





“How can machine learning improve vaccine production?”

CERN - Sanofi



le dauphiné libéré

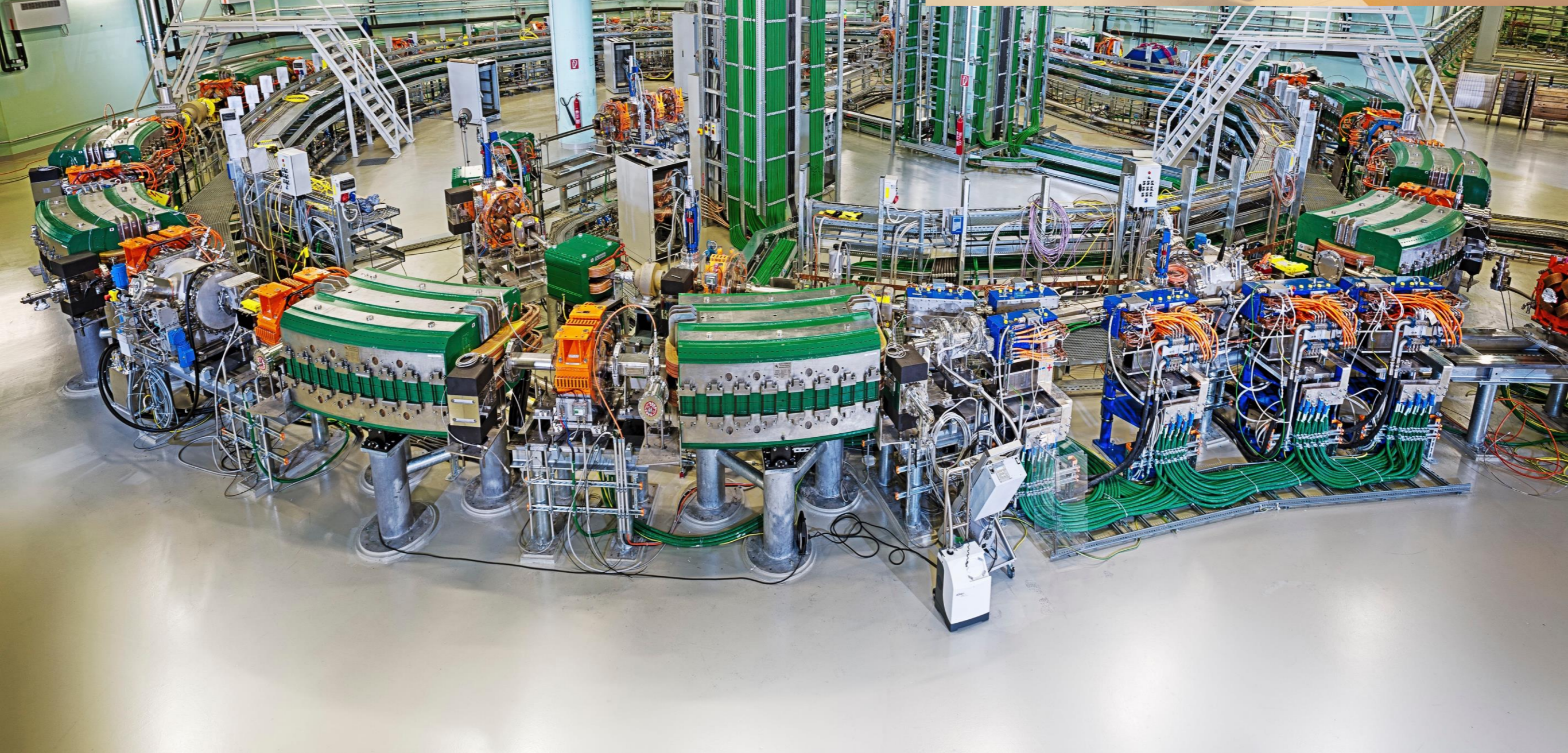
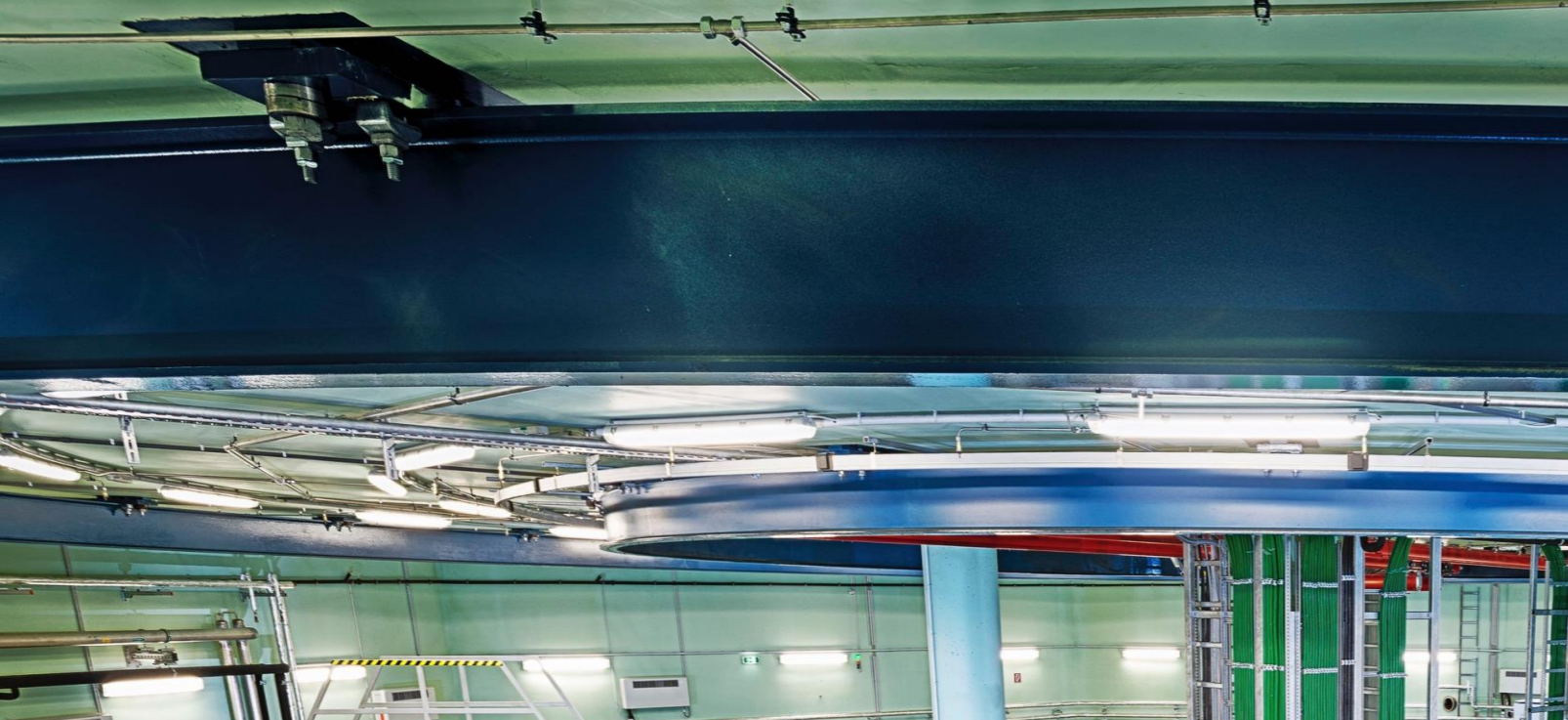
1,00€ - 1,50 FS | JEUDI 30 NOVEMBRE 2017 | G 01

BELLEGARDE & PAYS DE GEX

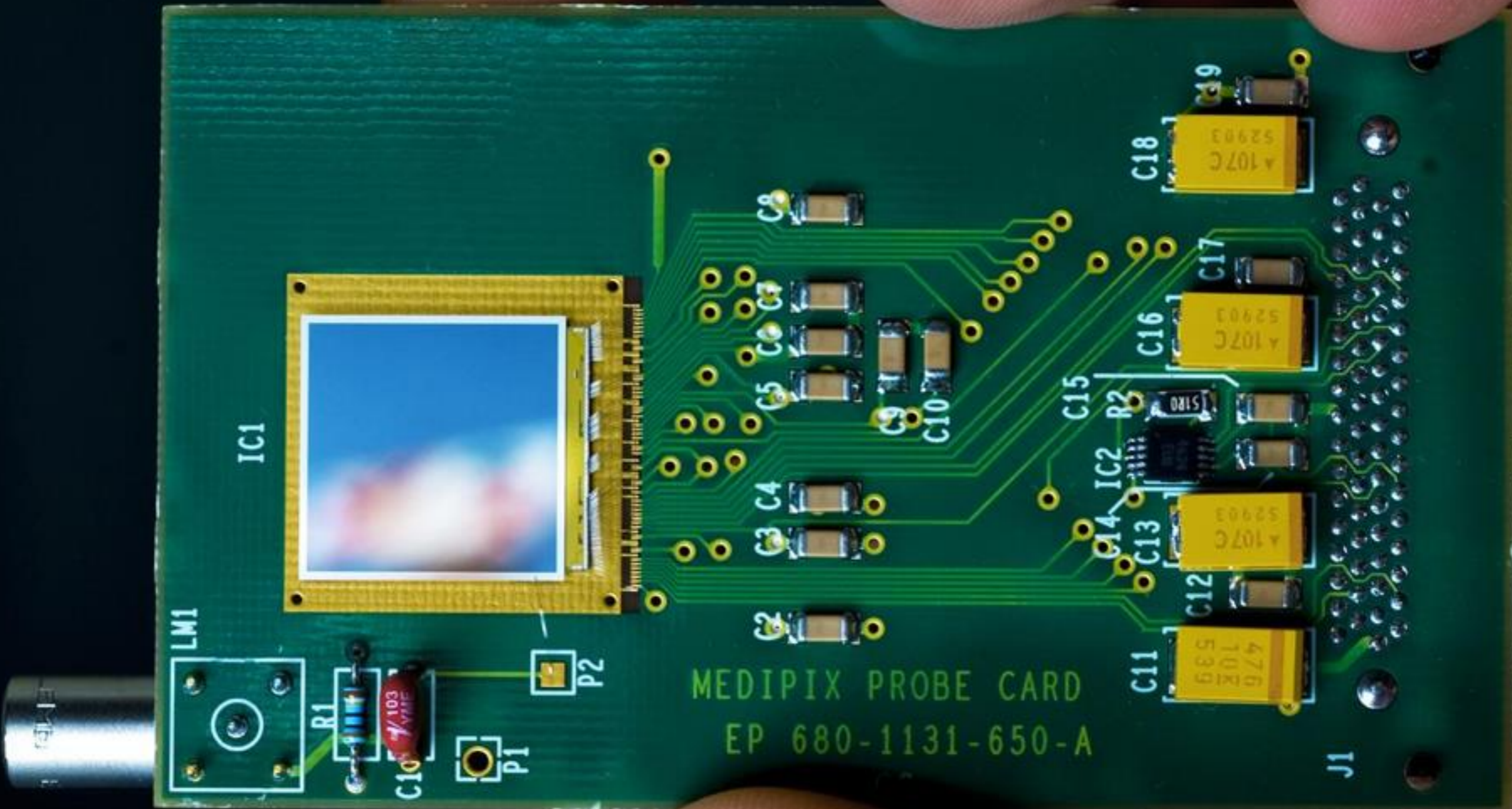
GENEVOIS LE SAVOIR DES PHYSICIENS AU SERVICE DE LA MÉDECINE DE DEMAIN

La lutte anti-cancer se prépare au Cern

CERN-MEDICIS
First medical isotopes
produced







MEDIPIX PROBE CARD
EP 680-1131-650-A

IC1

LM1

R1

C10

P1

P2

C2

C3

C4

C5

C6

C7

C8

C9

C10

C15

IC2

R2

C11

C12

C13

C14

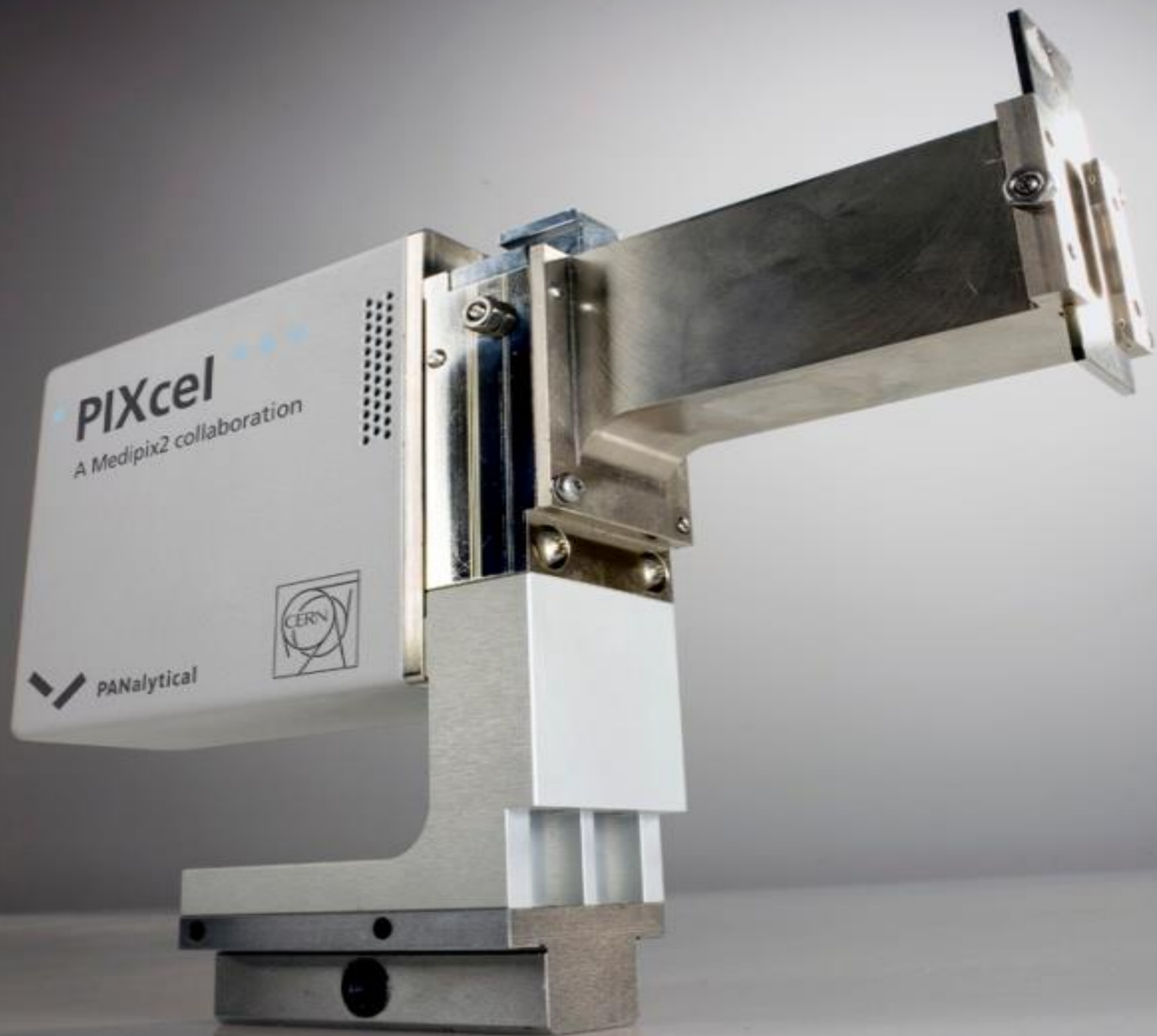
C16

C17

C18

C19

J1

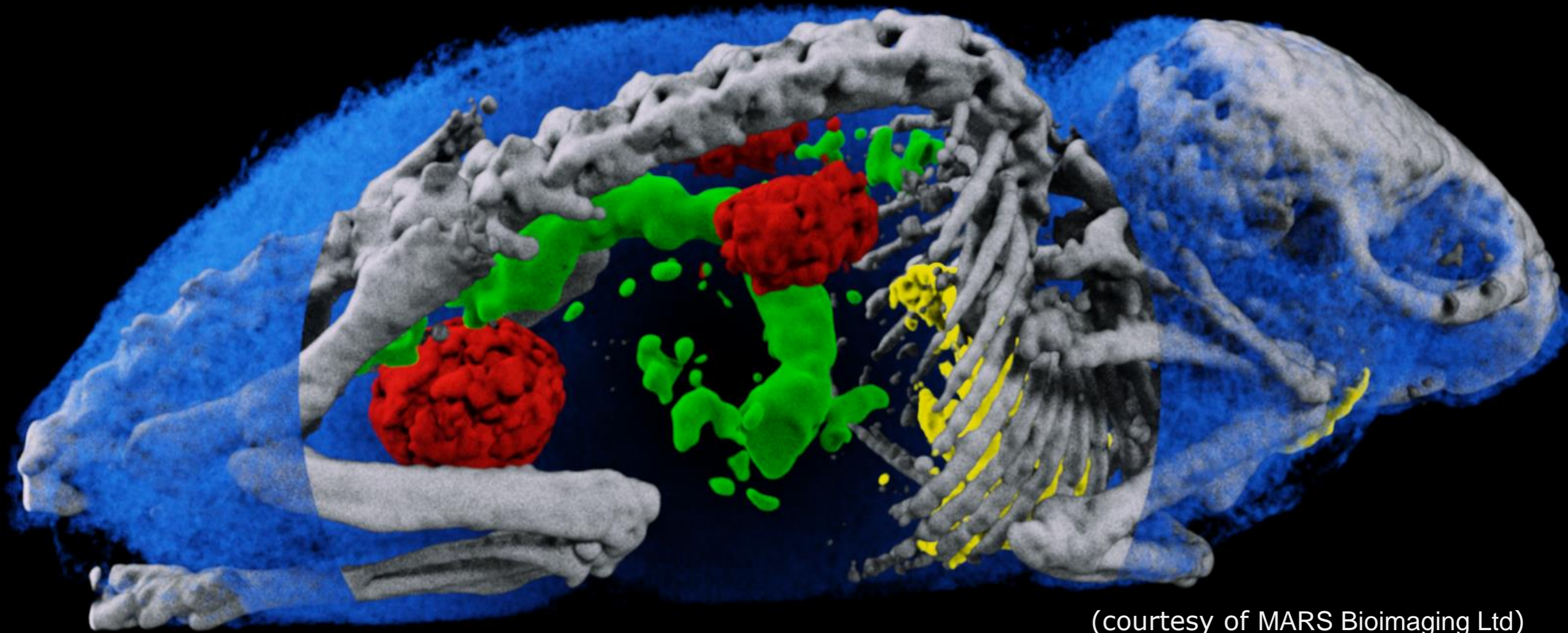




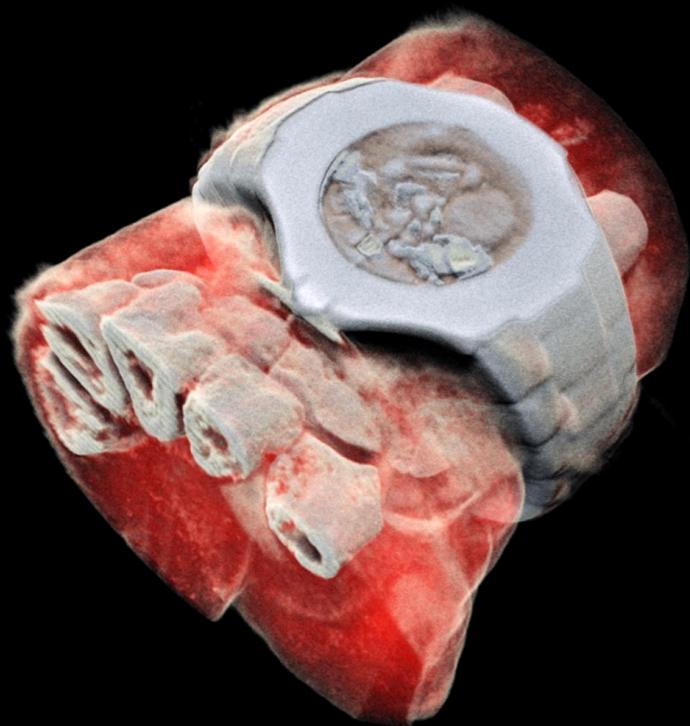


#EuropeForCulture

X-ray eyes for cultural heritage - Medipix chip



(courtesy of MARS Bioimaging Ltd)



**Start-ups & SMEs
Using CERN
Technology**

Digital Sciences:

Data Intelligence
Colnec Health
Fossil Ion Technology
Rhizom
Safetytn

Digital Sciences:

Digital Libraries
TIND

Digital Sciences:

Simulation Software
FEAC Engineering
Innocryst
Neuschnee

Sensors

Advacam OY
Advacam SRO
Amsterdam Scientific Instruments
Quantum Detectors
MARS Bioimaging
Terabee
X-Ray Imaging Europe
X-Spectrum

**Power Electronics,
Optoelectronics
& Microelectronics**

A2O Innovation Solutions
Camstech
Picotech

Robotics

Ross Robotics

Industrial Controls

Securaxis

Radio Frequency Technology

ADAM

**High & Ultra-High
Vacuum Systems**

2D Heat

Cooling & Ventilation

Oxford Nanosystems

**Particle Acceleration
& Control**

Artemis Analytical
D-Beam

**Manufacturing
& Mechanical Processes**

Croft Additive Manufacturing
Ijspeert Innovative Technologies

Many thanks for your
attention