

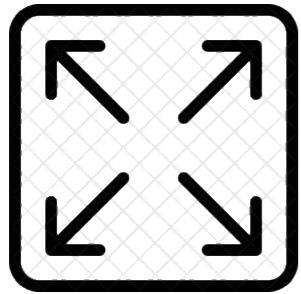
Knowledge Transfer @ CERN

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Knowledge Transfer Group - IPT Department

09.10.2019

KT Mission



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



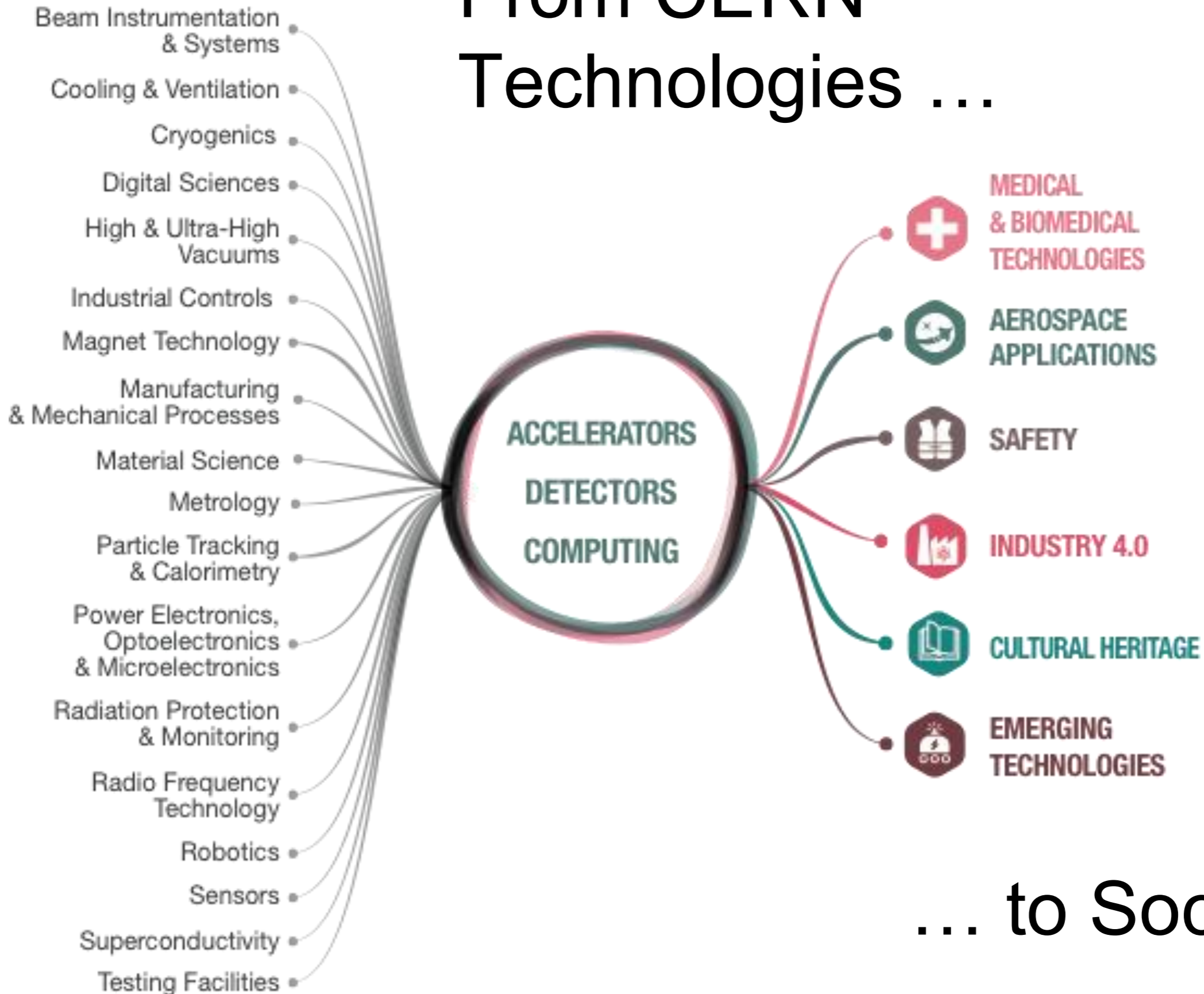
Promote CERN as a centre of excellence for technology and innovation



Demonstrate the importance and impact of fundamental research investments

Key concepts: Dissemination and Impact

From CERN Technologies ...



... to Society

CERN
Knowledge
Transfer
Ecosystem

Intellectual
Property Management

Licence, service
& consultancy agreements

Open Hardware Licence
& Open Source Software

R&D Collaborations

Knowledge Transfer
in EC co-funded projects

Knowledge Networks
(Links with Member States
Institutional Relations)

Knowledge Exchange
(KT events & Seminars)

CERN Knowledge Transfer Fund

CERN Medical Applications
Budget

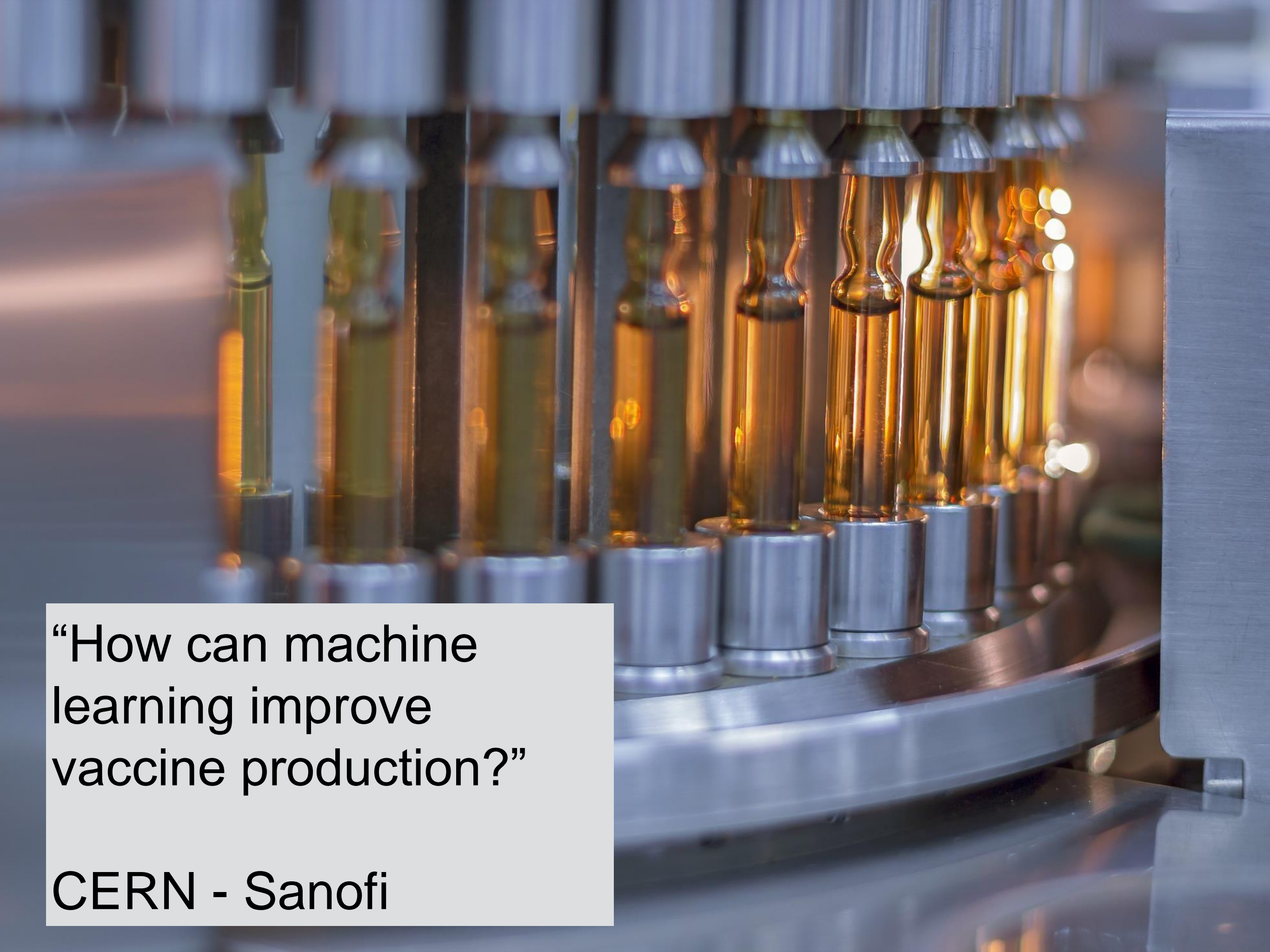
Formal & practical training in business,
entrepreneurship & KT

Financial, legal, business
& intellectual property support

Entrepreneurship

Business Incubation Centres

Start-ups & Spin-offs



“How can machine learning improve vaccine production?”

CERN - Sanofi



le dauphiné libéré

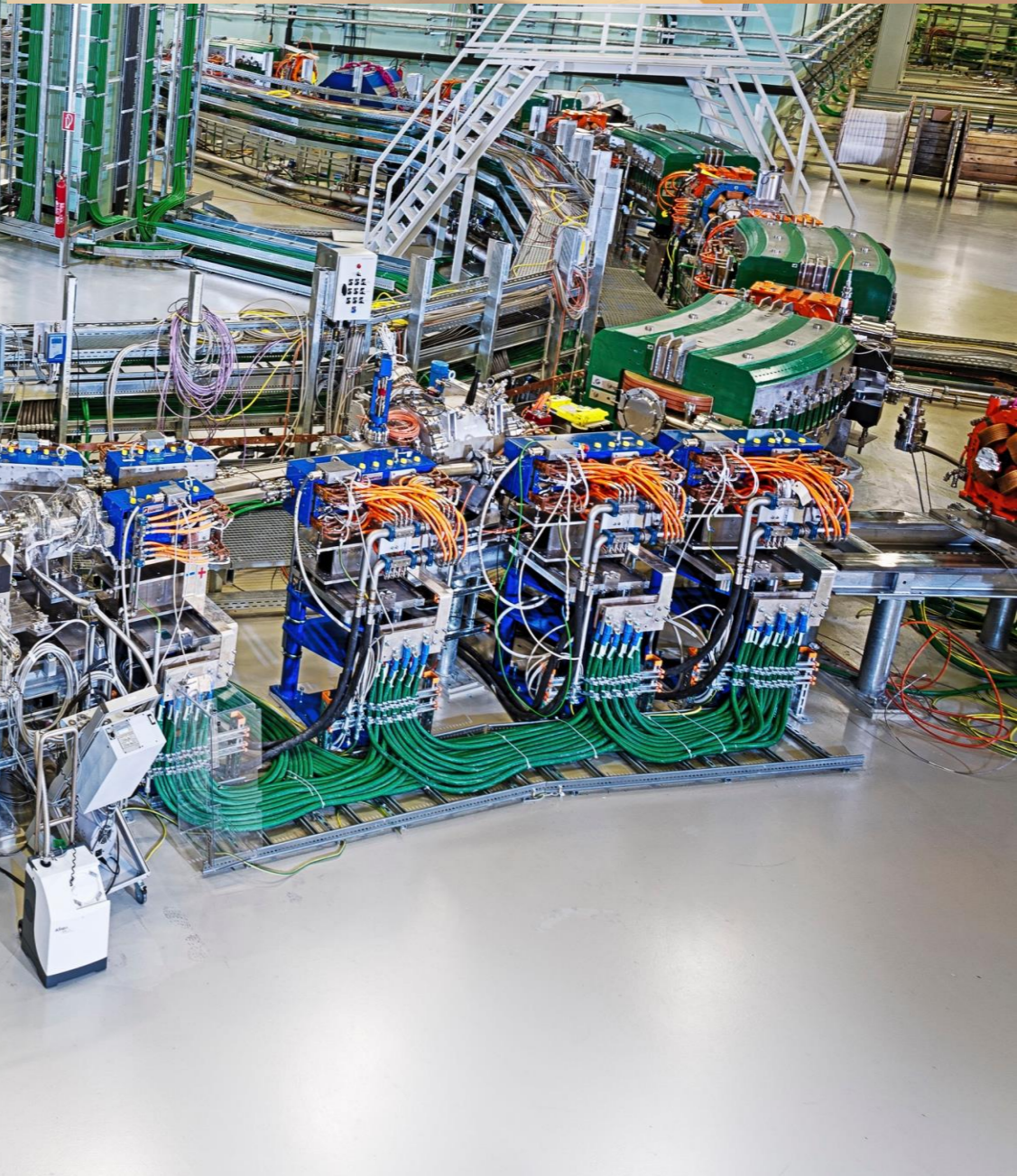
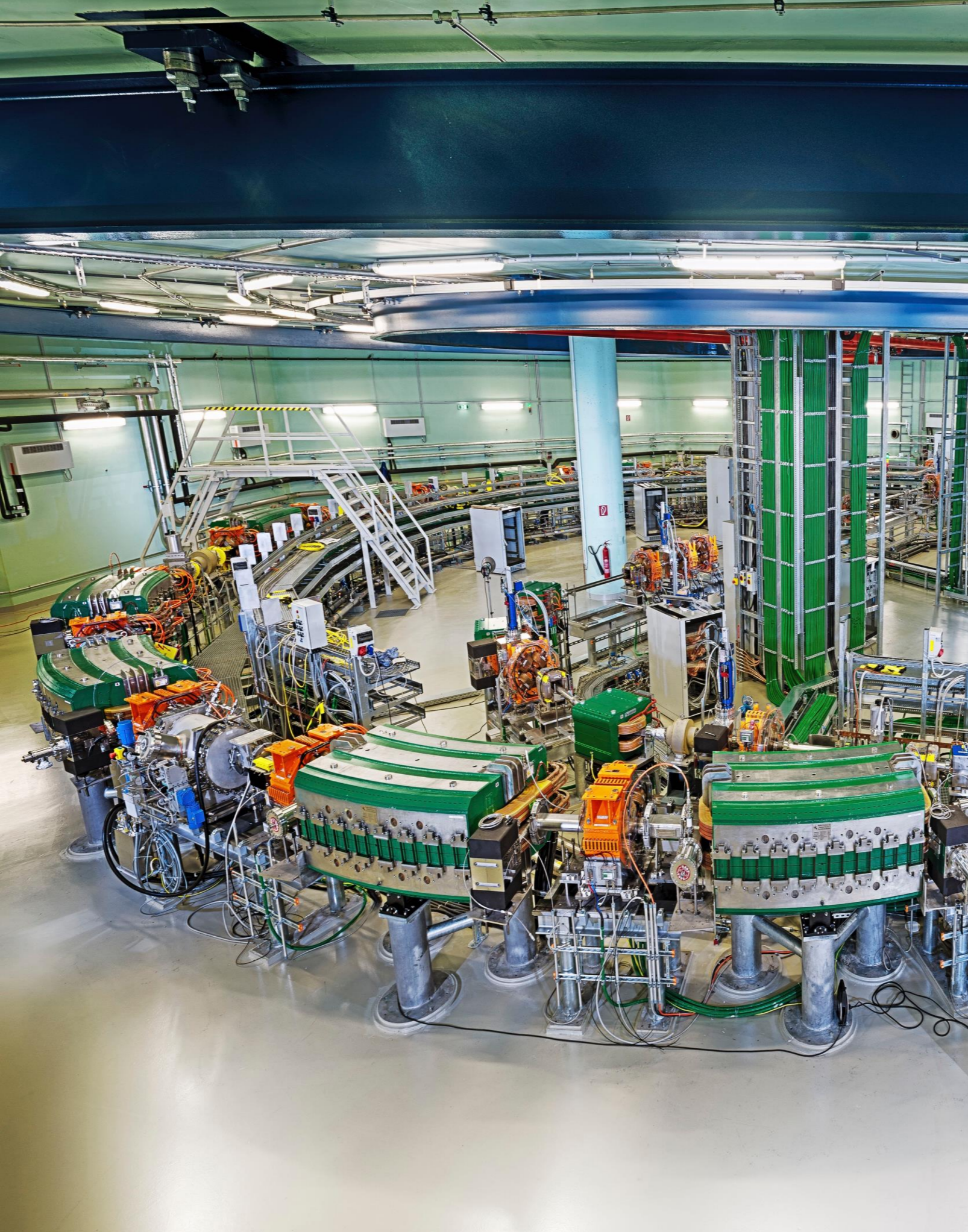
1,00€ - 1,50 FS | JEUDI 30 NOVEMBRE 2017 | G 01

BELLEGARDE & PAYS DE GEX

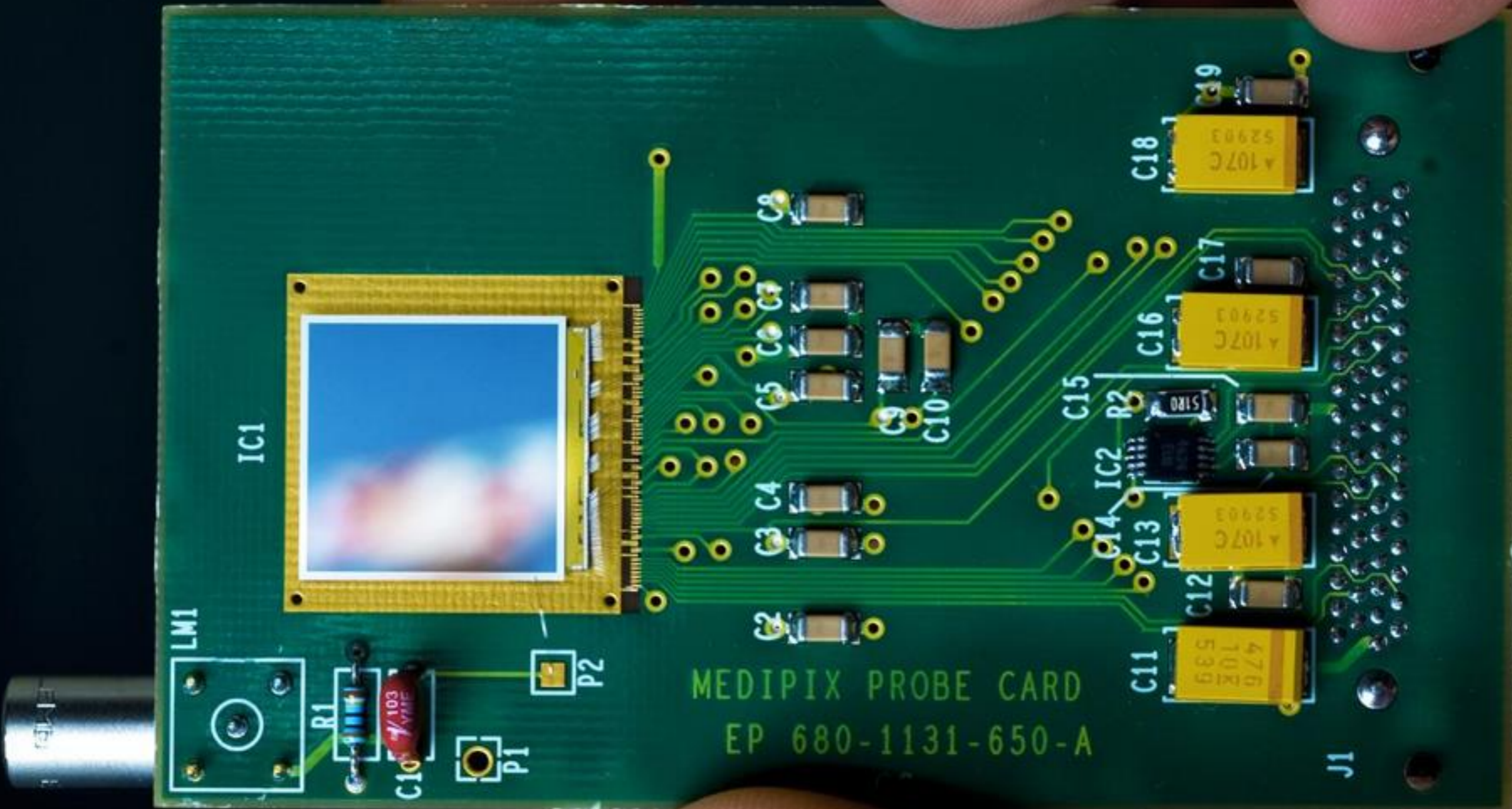
GENEVOIS LE SAVOIR DES PHYSICIENS AU SERVICE DE LA MÉDECINE DE DEMAIN

La lutte anti-cancer se prépare au Cern

CERN-MEDICIS
First medical isotopes
produced







IC1

LM1

R1

C10

P1

P2

MEDIPIX PROBE CARD
EP 680-1131-650-A

C2

C3

C4

C5

C6

C7

C8

C9

C10

C15

IC2

R2

C11

C12

C13

C14

C16

C17

C18

C19

J1

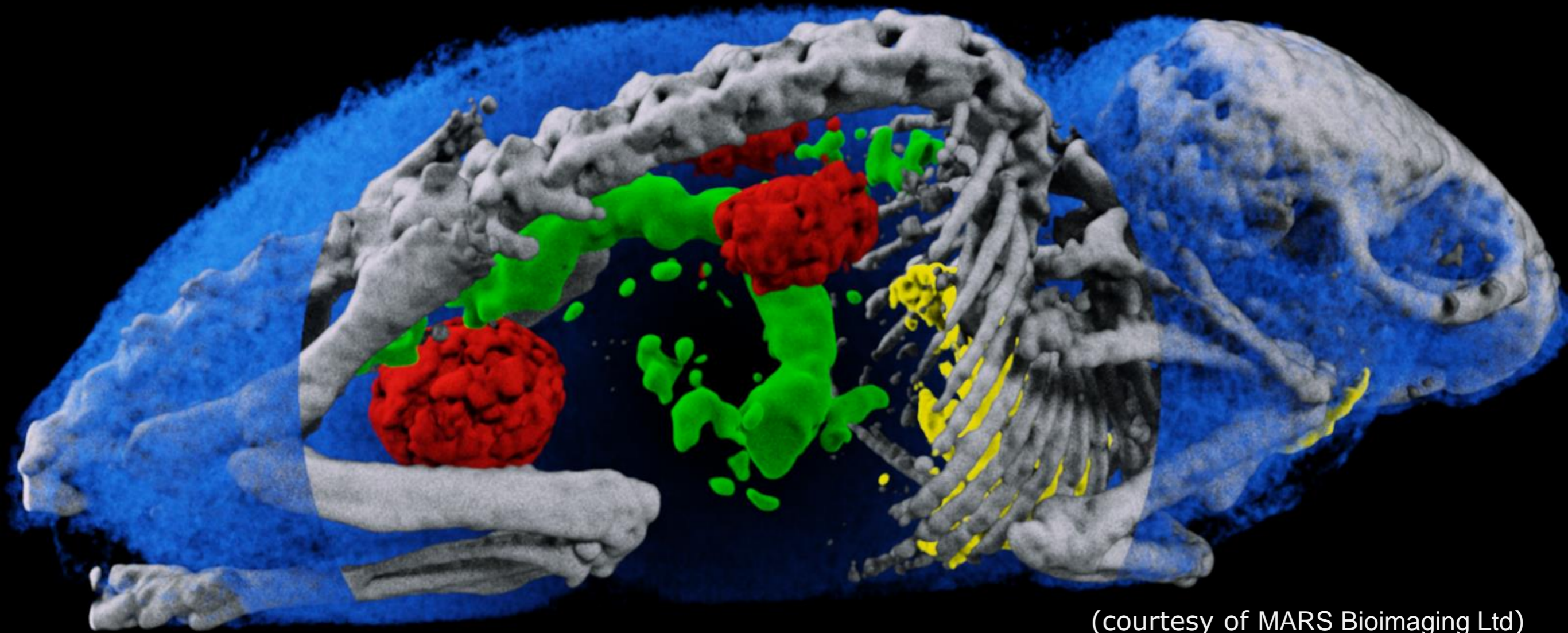




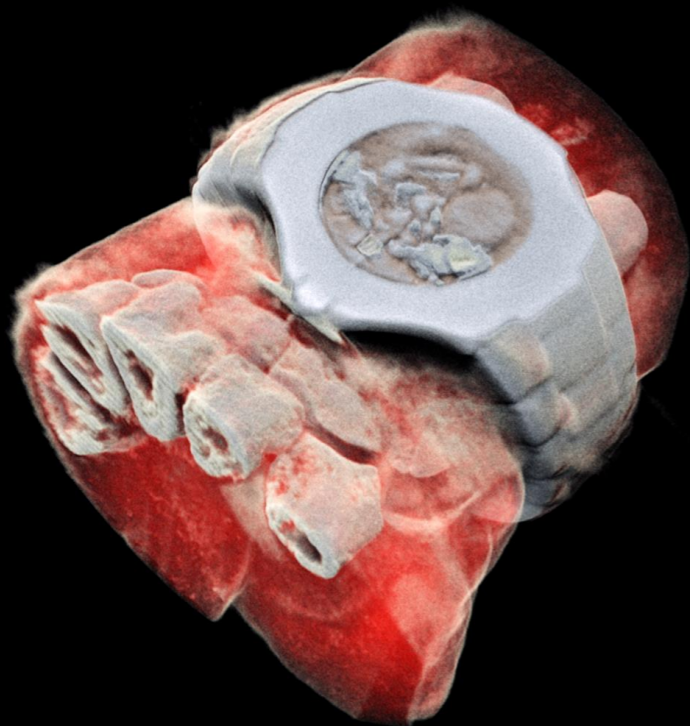


#EuropeForCulture

X-ray eyes for cultural heritage - Medipix chip

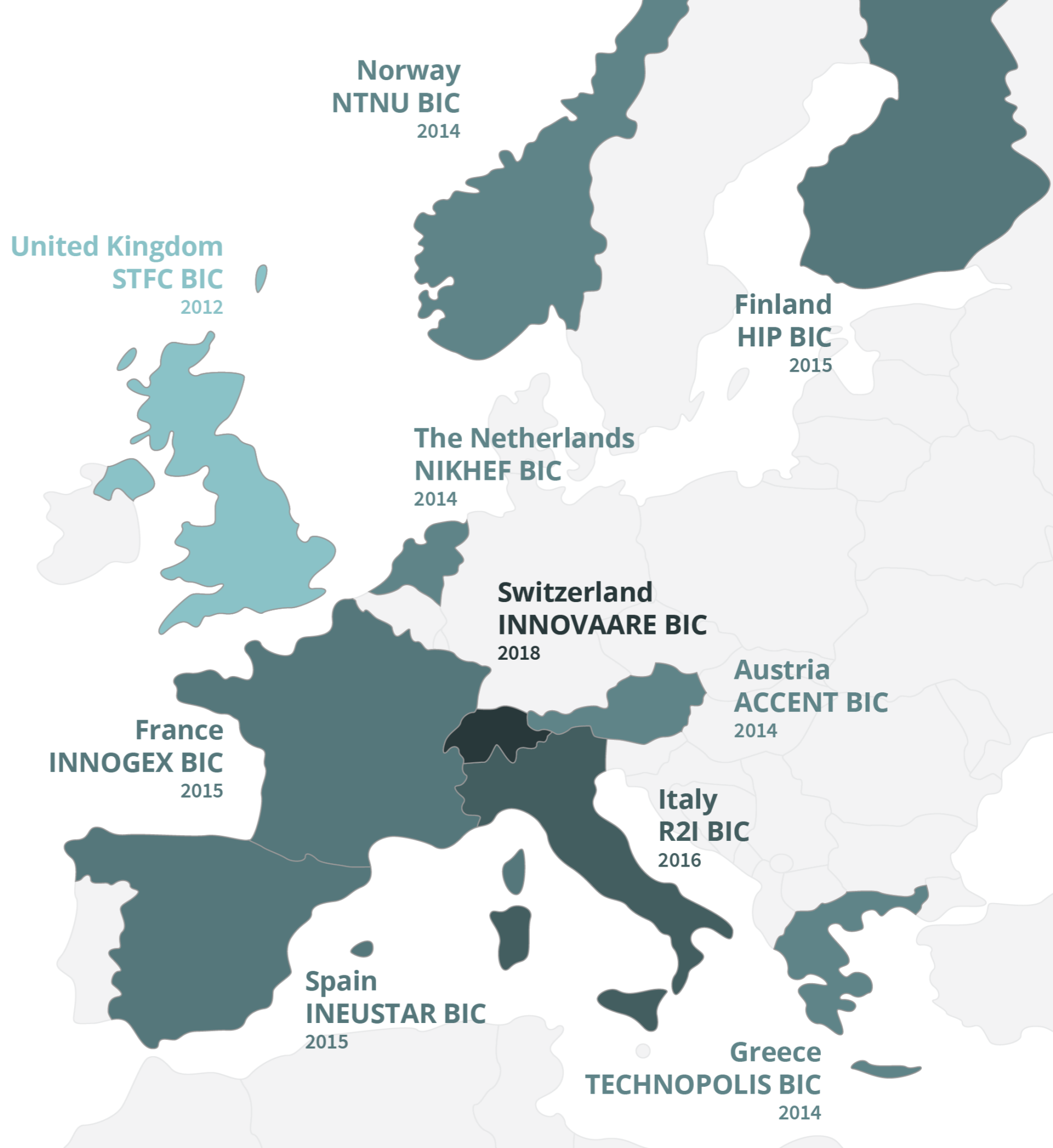


(courtesy of MARS Bioimaging Ltd)



CERN BICs

CERN Network of
10 Member State
Business
Incubation
Centres (2018)



**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**