

Transfert de Connaissances

2019 Quarterly Onboarding

Anais.Rassat@cern.ch

Knowledge Transfer Group

IPT Department

Mission du CERN



Science



Technologie

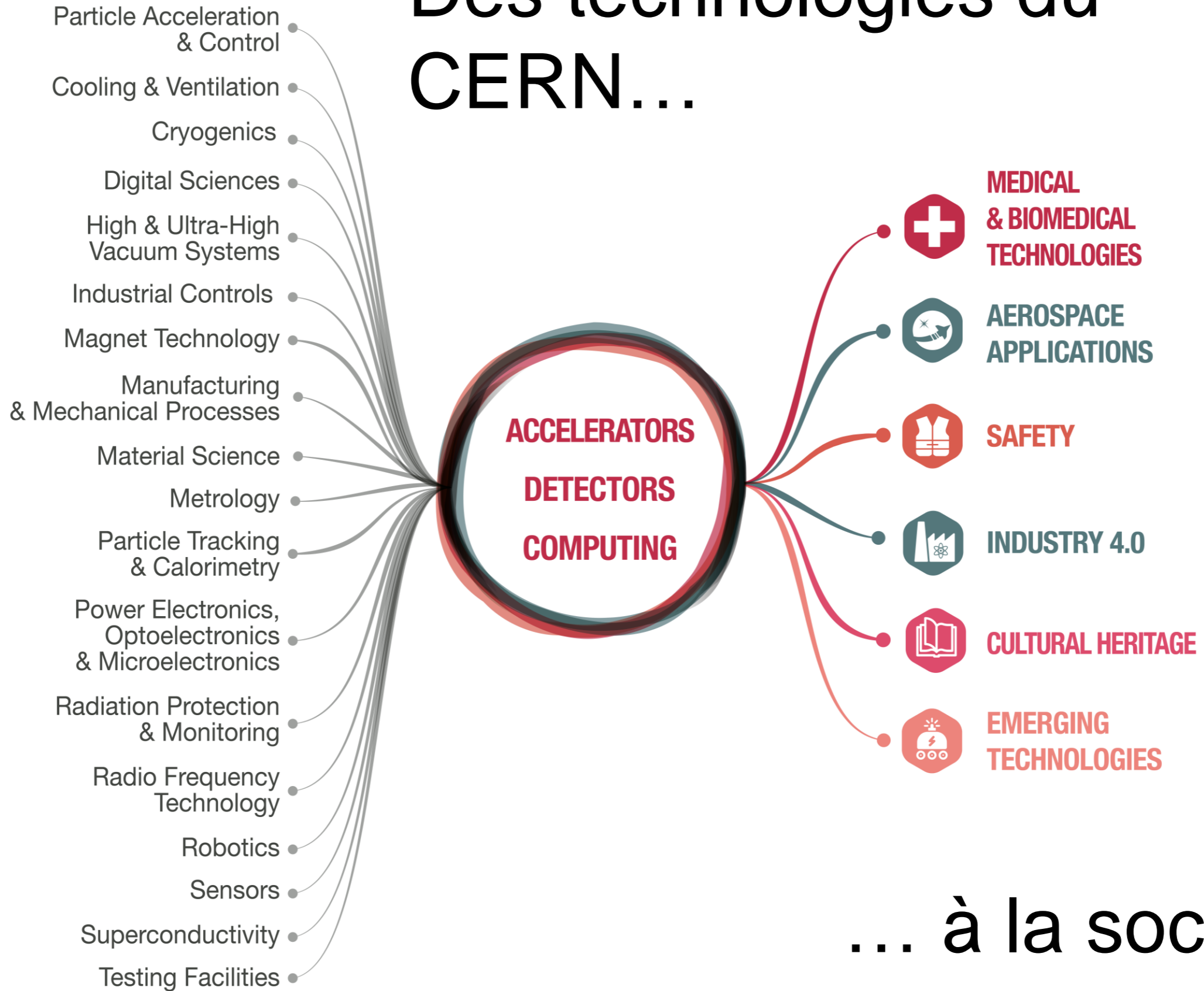


Formation



Collaboration

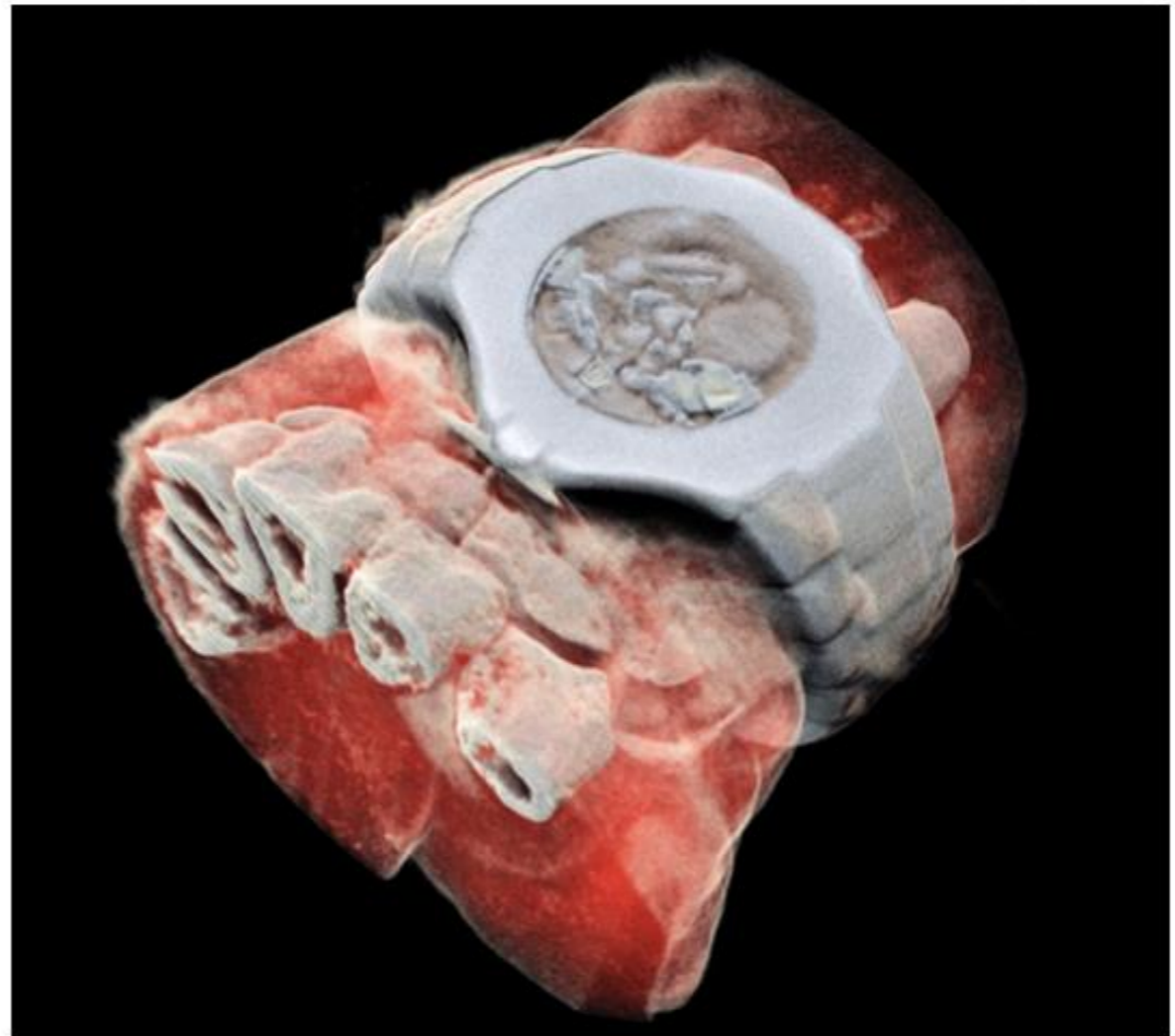
Des technologies du CERN...



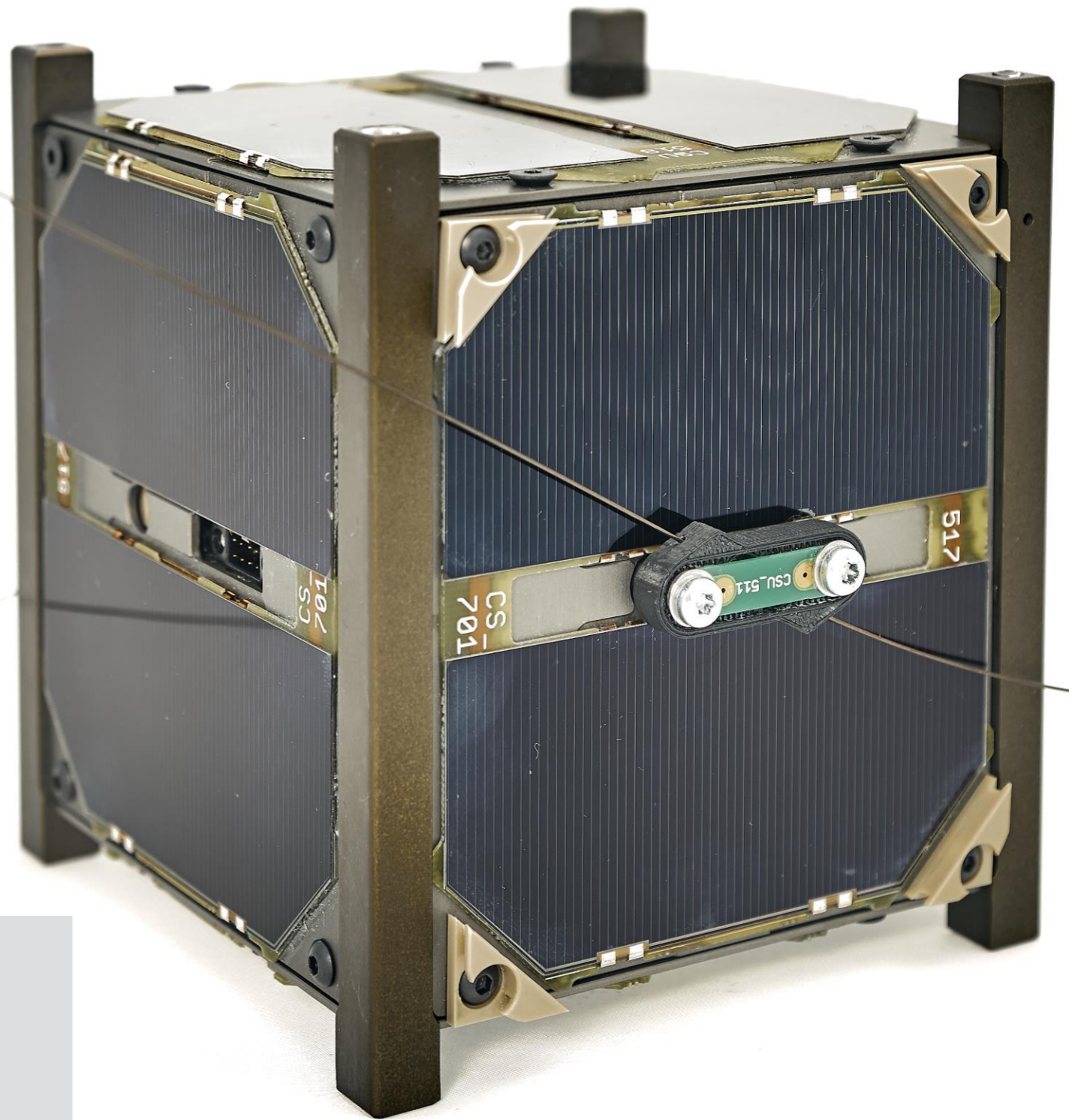
... à la société

3-D Color X-Rays Could
Help Spot Deadly
Disease Without Surgery

The
New York
Times



MARS Bioimaging & Medipix



Premier satellite
entier CELESTA
testé à CHARM

IGLUNA

A habitat in ice

17 June –

3 July 2019

Discover the 20
team projects

Zermatt

Glacier Palace → 9:30-16:00

Vernissage → 17:00-23:00





**Accelérateur
compact pour
l'analyse d'art**

**Funding Opportunities for
CERN Projects**

**Collaborations and
Networks**



Open Source



Entrepreneurship



**CERN
Knowledge
Transfer
Ecosystem**



**Support for
CERN Personnel**



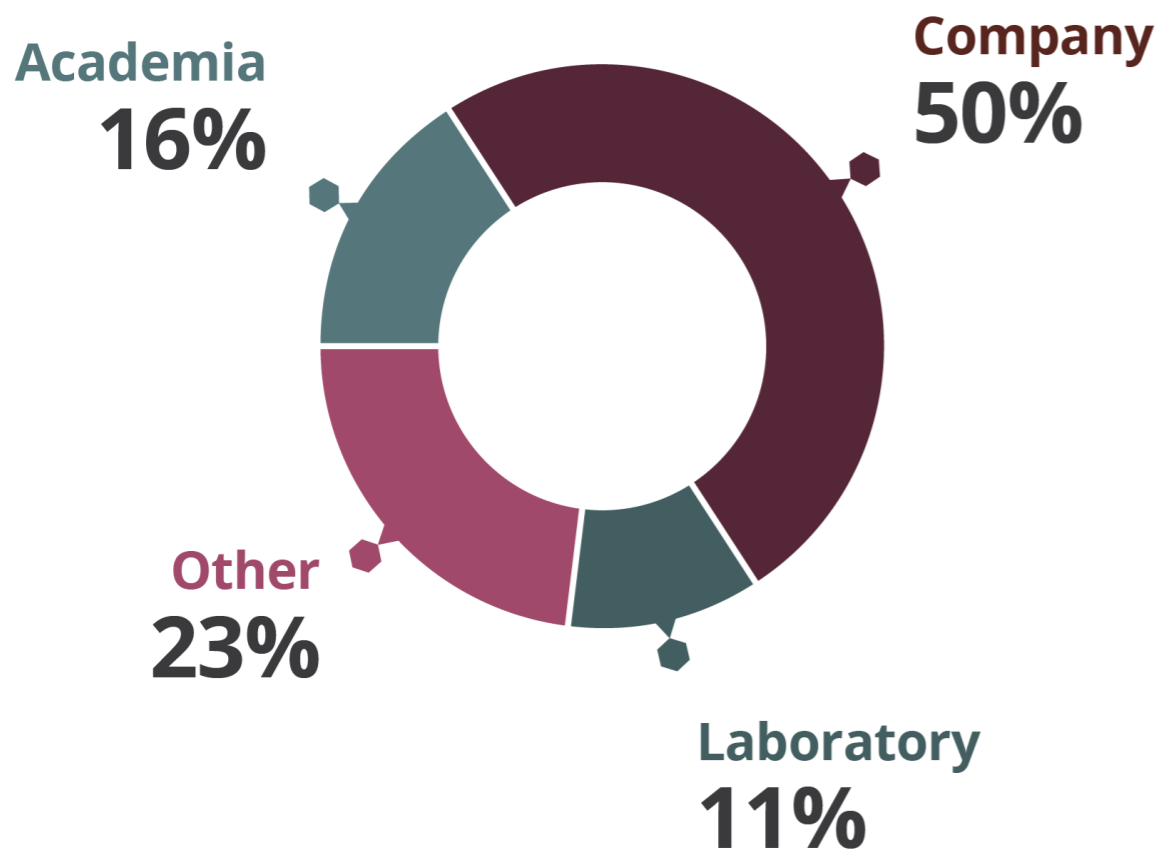
Events



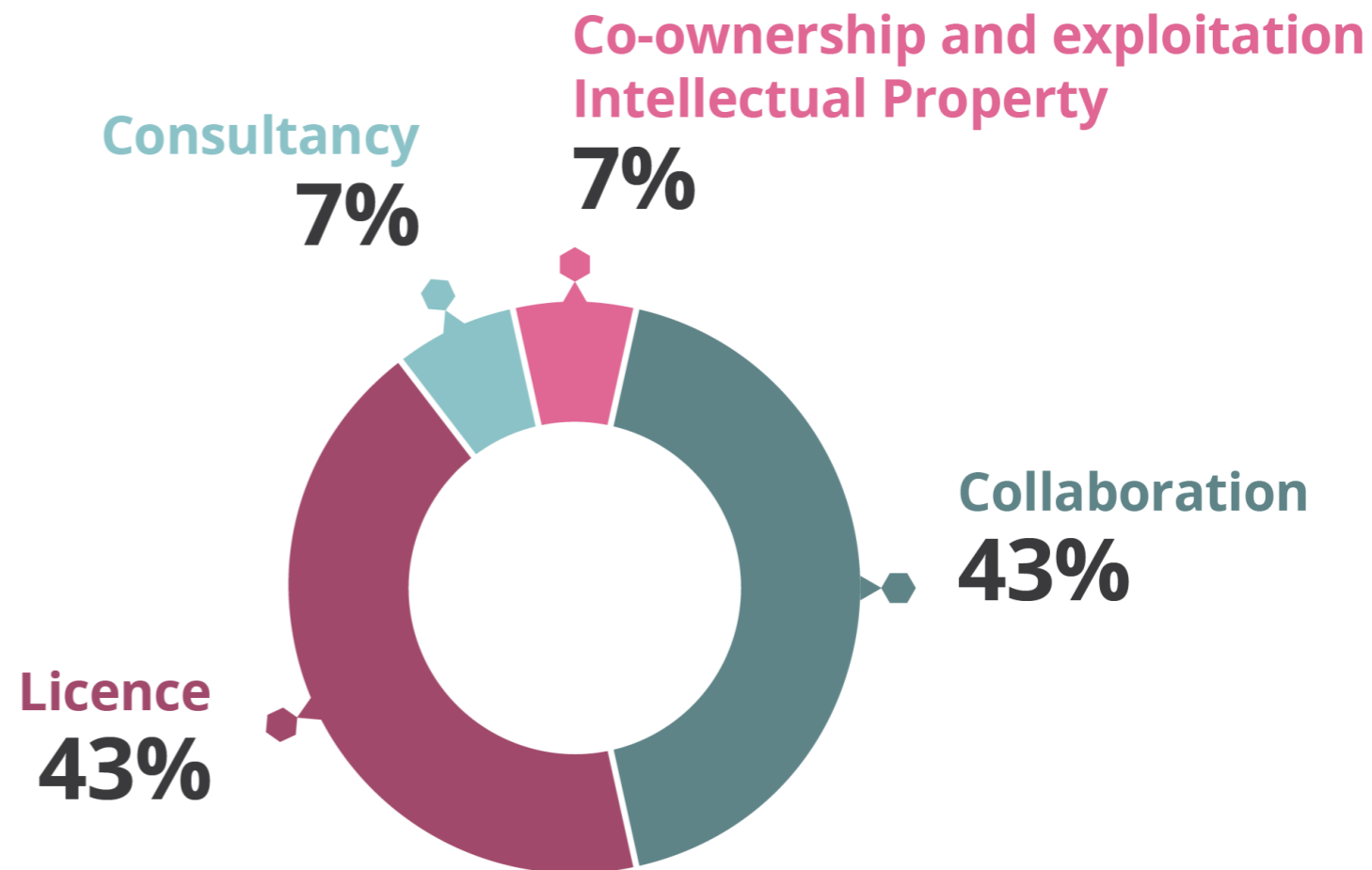
**Intellectual Property
Management**

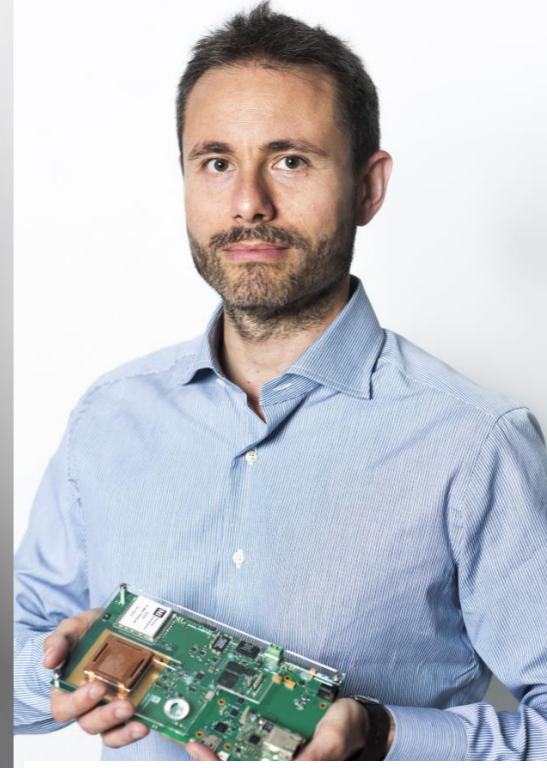
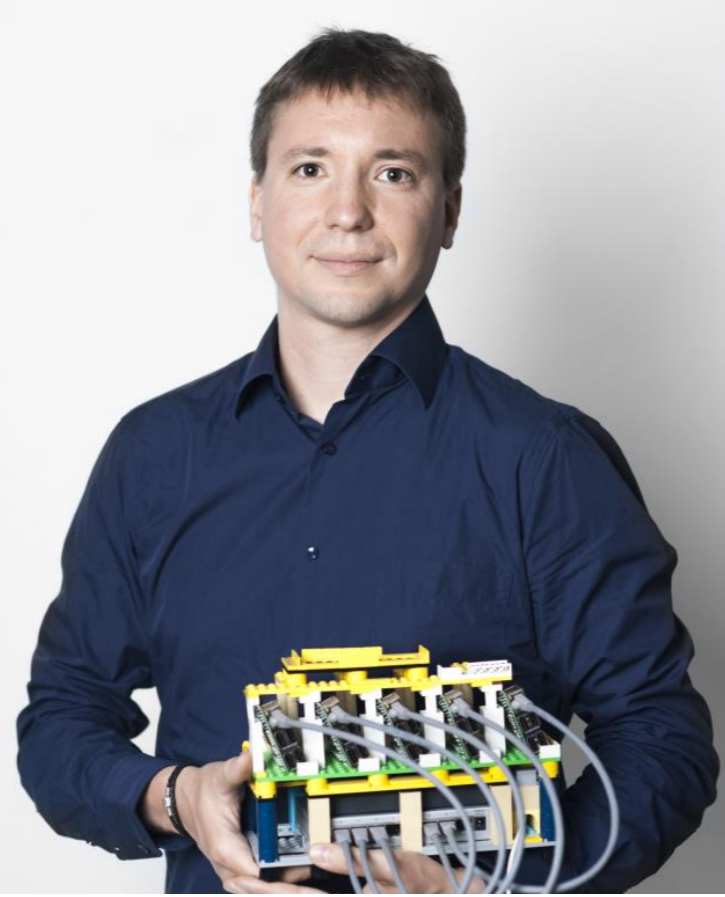
44 Contrats KT en 2018

Contract by Partner

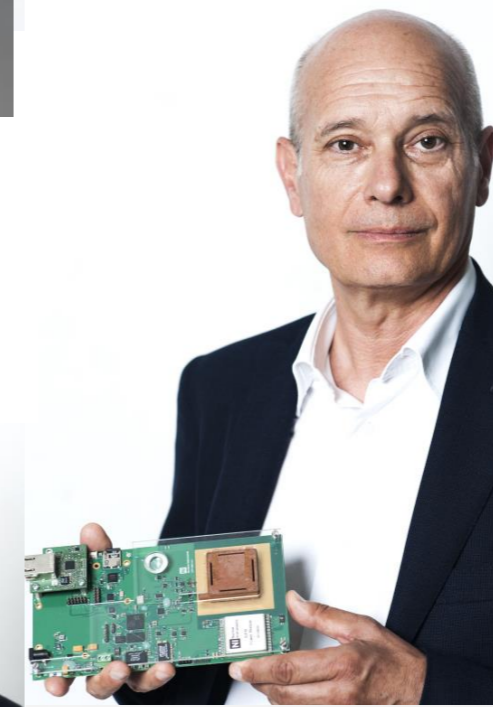


Contract by Type





CERN Knowledge Transfer Fund



Opportunités de financement pour le personnel CERN

CERN Knowledge Transfer Fund

- 44 projets financés depuis 2011
- 15-220 kCHF financement reçu par projet

CERN Medical Applications Budget

- 26 projets financés depuis 2014
- 75 kCHF reçu en moyenne par projet

“Faire le lien entre la recherche et l’industrie, pour le bénéfice de la société.”

**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

Nouvelle politique
de spin-off CERN
kt.cern/spinoffpolicy



Status et règlement du personnel, chapitre I,

RULES
Chapter I - Section 5
Articles S I 5.01 - 5.02
1 January 2013

CHAPTER I
GENERAL PROVISIONS
Section 5 - Intellectual property

<i>Article N°</i>	<i>Applicable to</i>
S I 5.01 Definition of intellectual property	MP
S I 5.02 Intellectual property rights	MP

Intellectual property shall mean all intellectual creations including know-how, in particular drawings, models, inventions, software, reports, procedures and protocols.

All rights in intellectual property that results from, or is substantially based on, a member of the personnel's activities within the Organization or on its behalf shall be automatically vested in the Organization, except as may be otherwise stipulated by the Organization in its agreements and Memoranda of Understanding.

The Director-General shall:

- a) decide whether or not intellectual property results from or is substantially based on such activities;
- b) lay down the conditions under which authors of intellectual property may have their name associated with it.

Where he deems it compatible with the Organization's interests, the Director-General may:

- a) share the intellectual property rights with the author,
- b) make them over to him, or
- c) grant him a licence to exploit them.

Mais, qu'est-ce-qu'est l'IP???

- La propriété intellectuelle est protégée par divers droits de la propriété intellectuelle: brevets, copyright, trademarks... suivant le type d'IP
- Le propriétaire de l'IP peut décider *si* et *sous quelles conditions* on rendra l'IP disponible à d'autres

KNOWLEDGE TRANSFER SEMINAR

MEDIPIX AND TIMEPIX CHIPS: APPLICATIONS IN IMAGING AND DETECTION OF CHARGED PARTICLES

Michael Campbell

EP-ESE-ME, Spokesperson Medipix2, Medipix3 and Medipix4 Collaborations

13th June 16:00

Council Chamber

Join us for coffee at 15.30

<https://indico.cern.ch/e/medipix>



Knowledge Transfer
Accelerating Innovation
Experimental Physics Department



COUNCIL CHAMBER

kt.cern/events

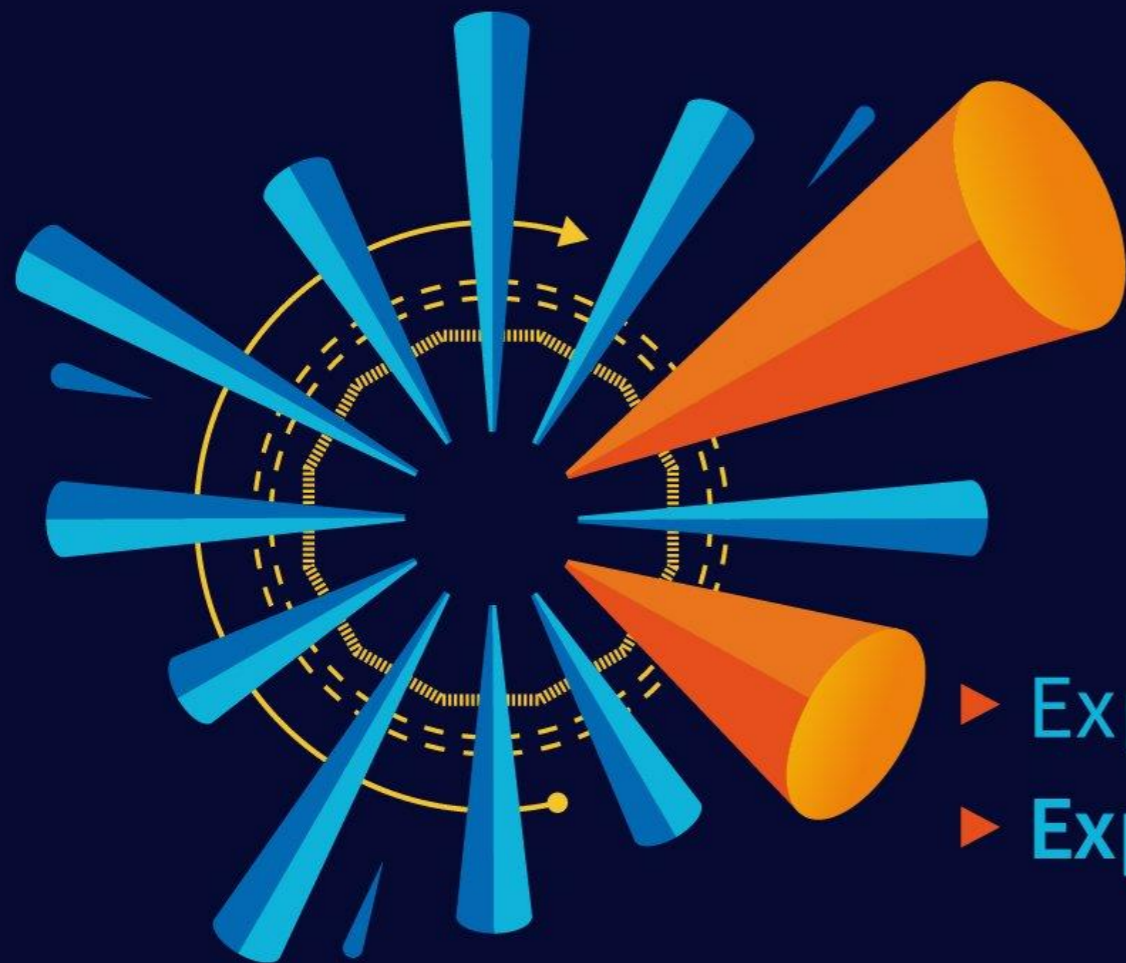


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Entrepreneurship Meet-Ups

18 juin 2019 18h @ R1

<https://indico.cern.ch/e/EMU85/>



CERN OPENDAYS

- ▶ Explore the future with us
- ▶ Explorez le futur avec nous

14 - 15 septembre / September 2019

kt.cern/events

Knowledge Transfer @ Ideasquare
pour les portes ouvertes du CERN



Plus d'informations à
kt.cern

kt@cern.ch

