Transfert de Connaissances 2019 Quarterly Onboarding

Anais.Rassat@cern.ch

Knowledge Transfer Group
IPT Department

Mission du CERN

Science
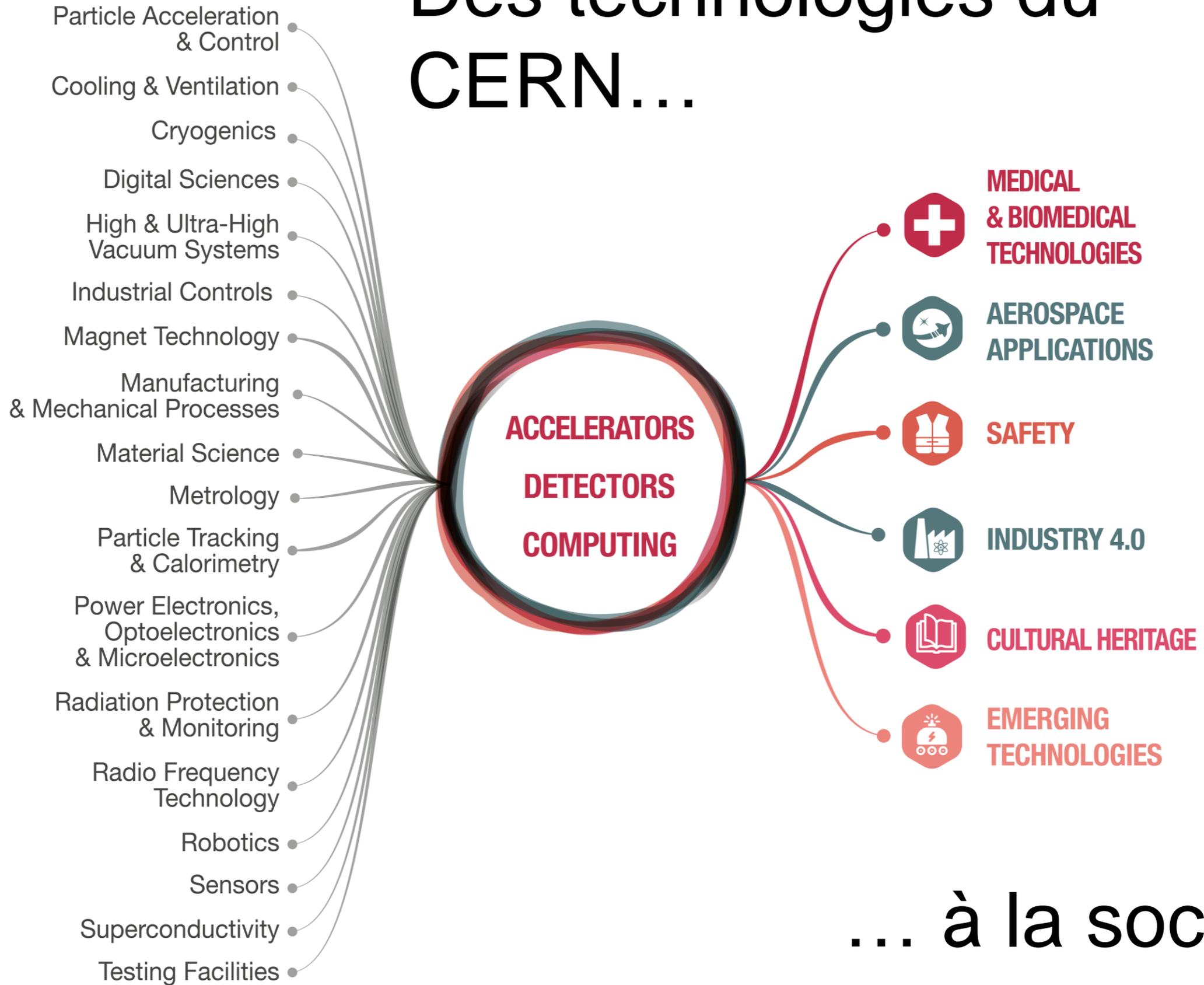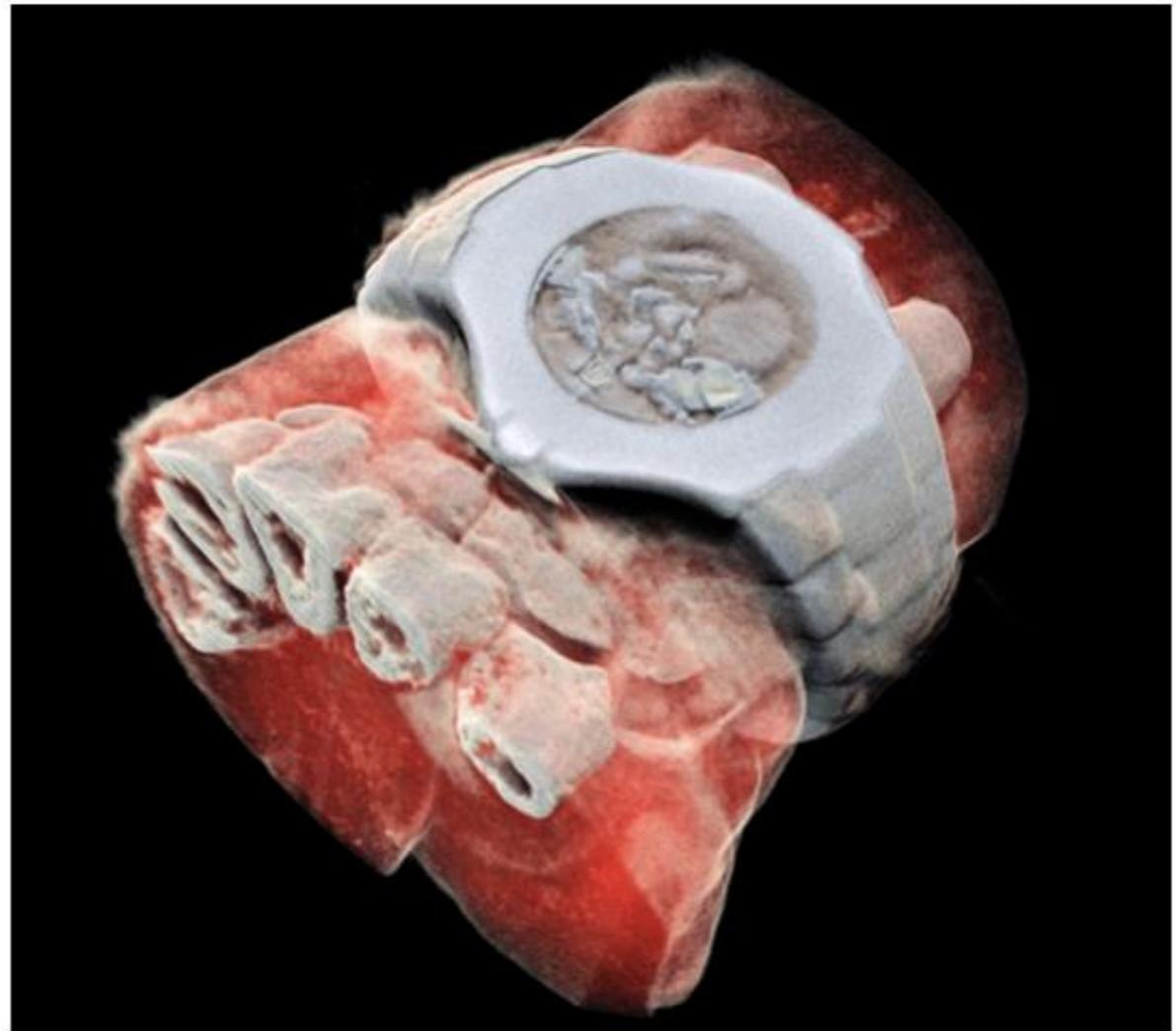

Technologie
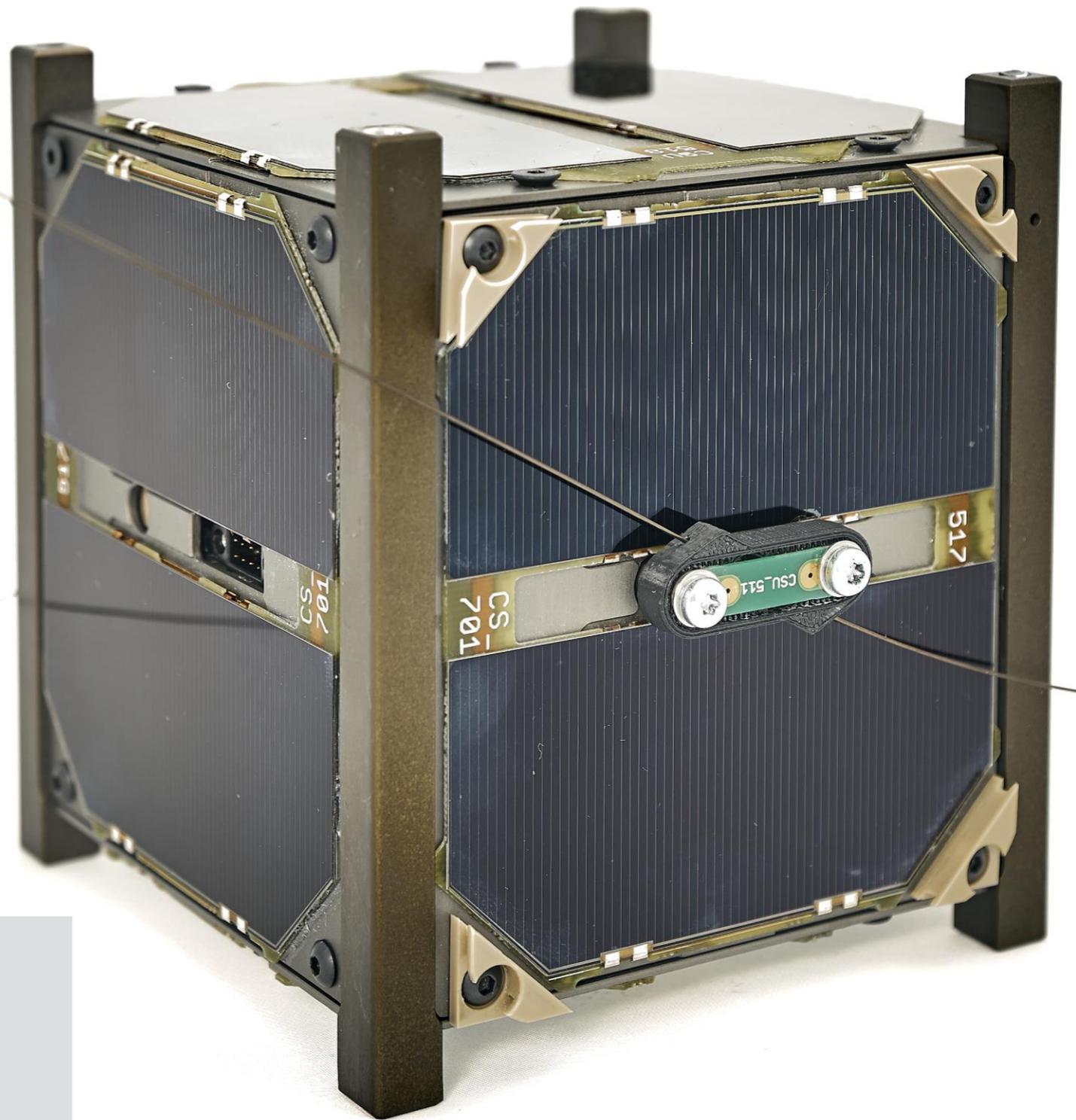

Formation

Collaboration

Des technologies du CERN…

… à la societé

Particle Acceleration & Control
Cooling & Ventilation
Cryogenics
Digital Sciences
High & Ultra-High Vacuum Systems
Industrial Controls
Magnet Technology
Manufacturing & Mechanical Processes
Material Science
Metrology
Particle Tracking & Calorimetry
Power Electronics, Optoelectronics & Microelectronics
Radiation Protection & Monitoring
Radio Frequency Technology
Robotics
Sensors
Superconductivity
Testing Facilities

ACCELERATORS
DETECTORS
COMPUTING

MEDICAL & BIOMEDICAL TECHNOLOGIES
AEROSPACE APPLICATIONS
SAFETY
INDUSTRY 4.0
CULTURAL HERITAGE
EMERGING TECHNOLOGIES

The New York Times

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

MARS Bioimaging & Medipix

Premier satellite
entier CELESTA
testé à CHARM

Accelerateur compact pour l'analyse d'art

Funding Opportunities for CERN Projects

Collaborations and Networks
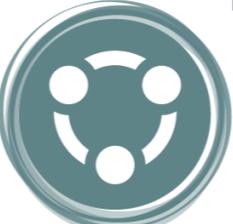
Open Source

CERN
Knowledge
Transfer
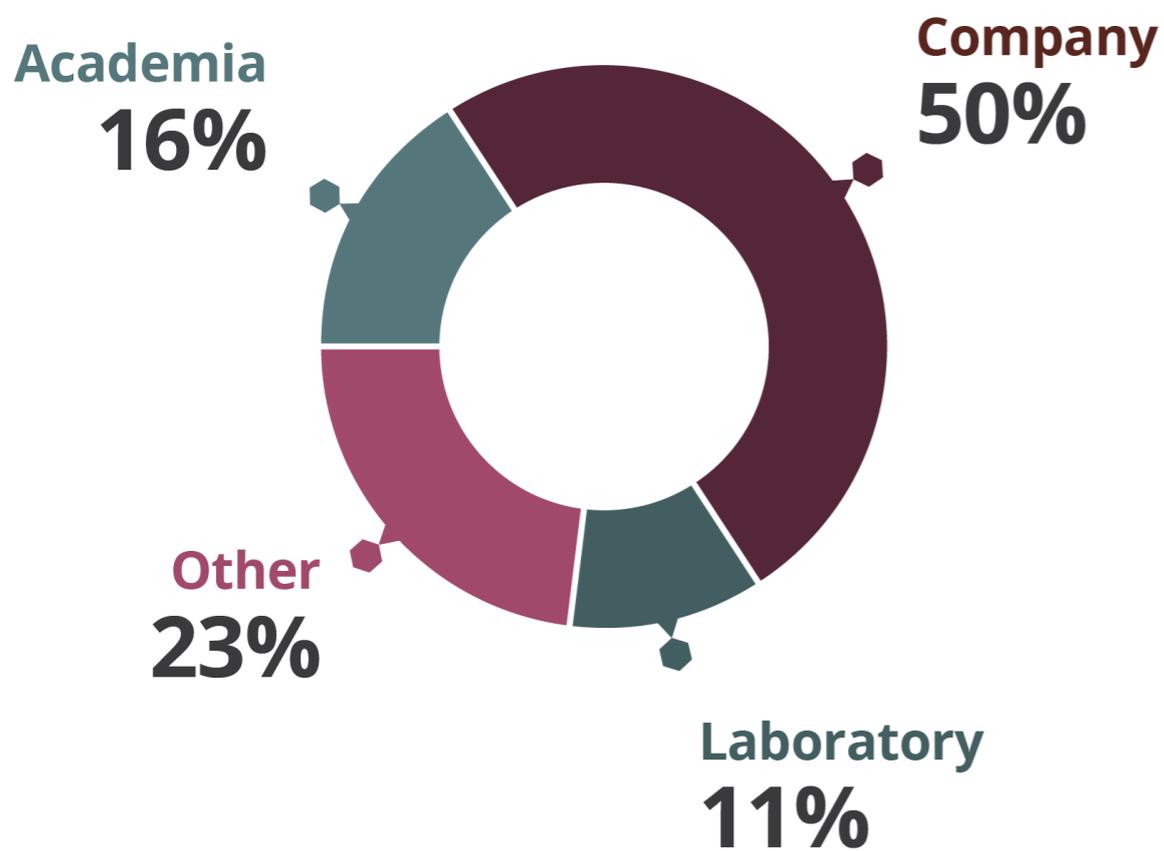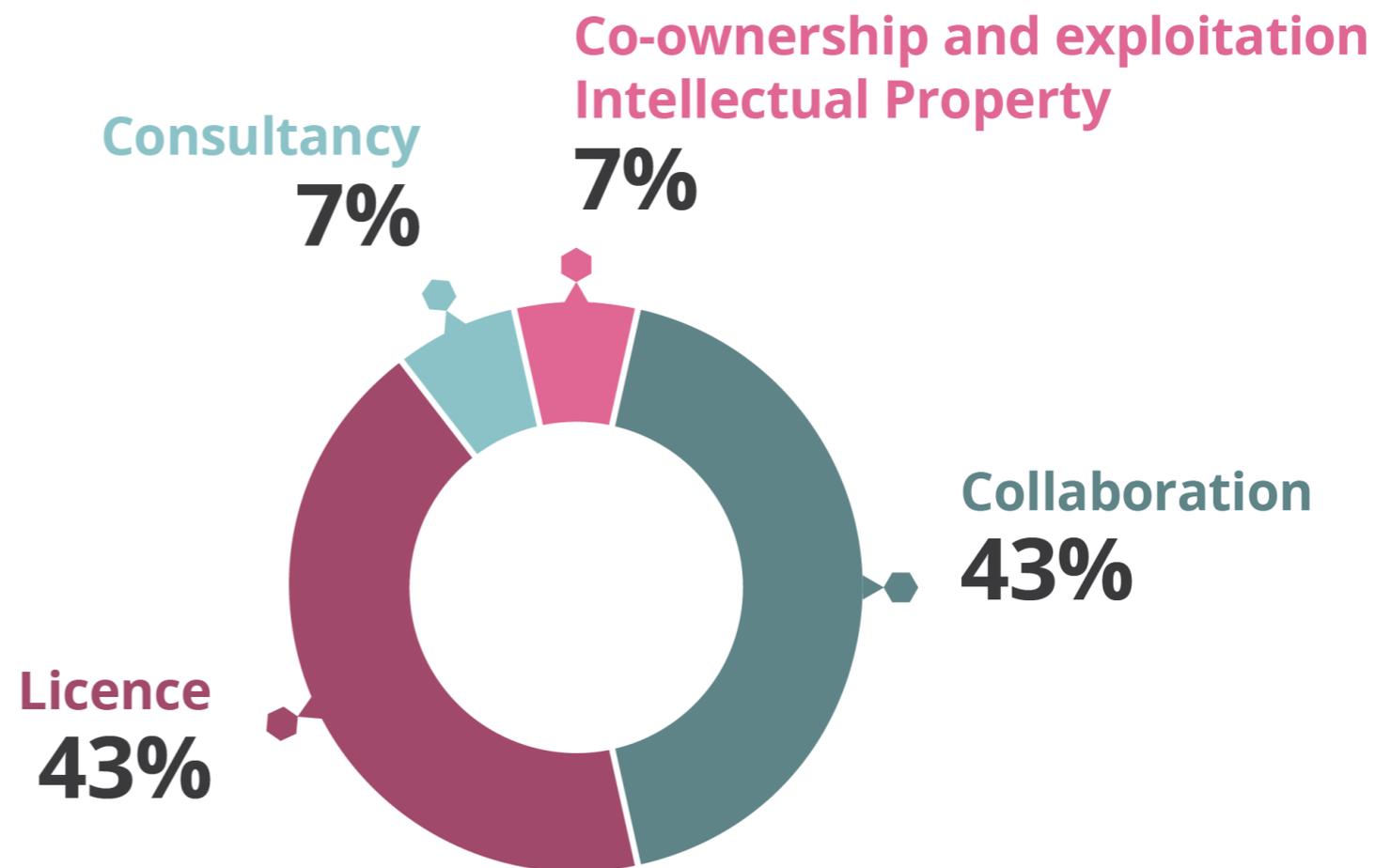Ecosystem

Entrepreneurship

Support for CERN Personnel

Events

Intellectual Property Management

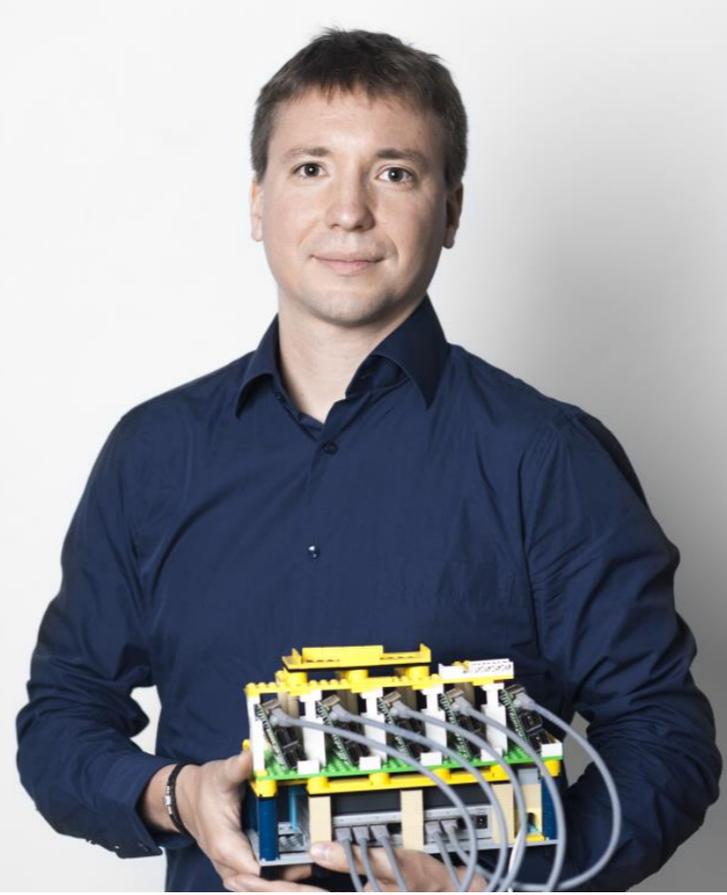# 44 Contrats KT en 2018

Contract by Partner

Company
50%

Academia
16%

Other
23%

Laboratory
11%

Contract by Type

Consultancy
7%

Co-ownership and exploitation Intellectual Property
7%

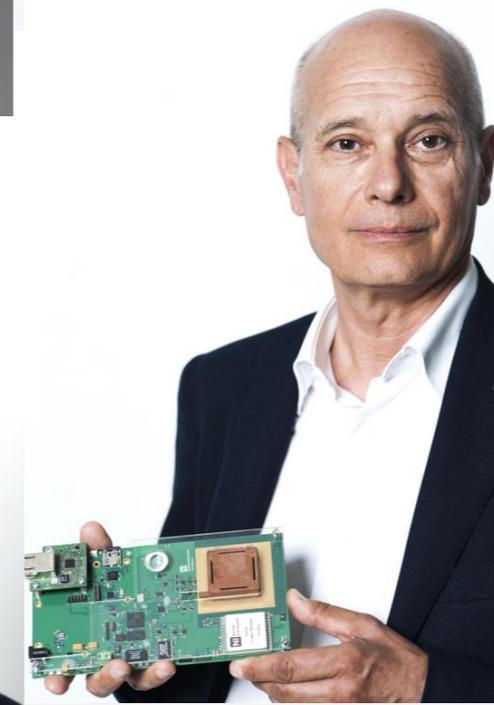Collaboration
43%

Licence
43%
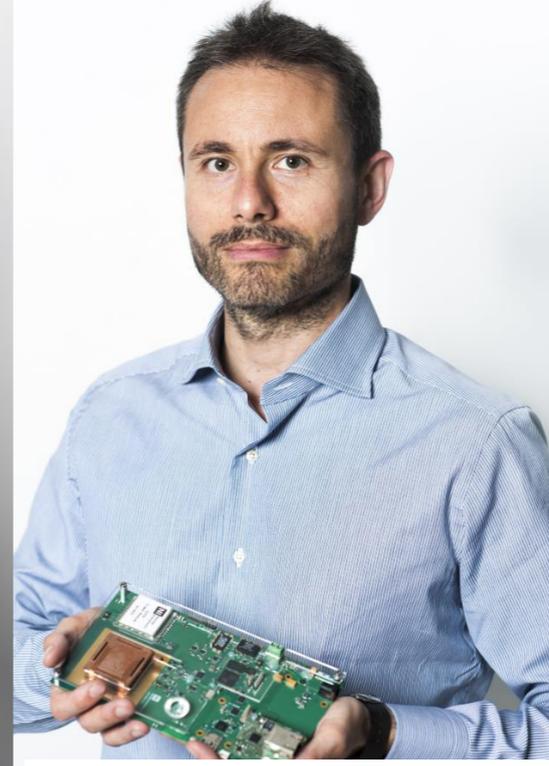
CERN Knowledge Transfer Fund

Opportunités de financement pour le personnel CERN

CERN Knowledge Transfer Fund

- 15-220 kCHF financement reçu par projet

CERN Medical Applications Budget

- 75 kCHF reçu en moyenne par projet

"Faire le lien entre la recherche et l'industrie, pour le bénéfice de la société."

Prochaine date de soumission: 2020

Prochaines formations:

Mars 2020: Trouver son bonheur dans les bases de données de brevets

2020: Introduction aux outils de transfert de connaissances

kt.cern/events

Digital Sciences:
Data Intelligence

Colnec Health
Fossil Ion Technology
Rhizom
Safetyn

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

Start-ups & SMEs Using CERN Technology

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

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, section 5 "Propriété intellectuelle"

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

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

CHAPTER I

GENERAL PROVISIONS

Section 5 - Intellectual property

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 proprieté intellectuelle: brevets, copyright, trademarks… suivant le type d'IP

- Le propriétaire de l'IP peut decider *si* et *sous quelles conditions* on rendra l'IP disponible à d'autres

KNOWLEDGE TRANSFER SEMINARS on industry 4.0

BIG : DATA : TRUST
New Ideas for Secure Identity Management inspired by Quantum Mechanics

Manfred Paeschke
Chief Visionary Officer, Bundesdruckerei GmbH

21st January 16:00
room 3-R-002

https://indico.cern.ch/e/bigdatatrust

Knowledge Transfer
Accelerating Innovation

KNOWLEDGE TRANSFER SEMINARS on entrepreneurship

THE JOURNEY OF
A SERIAL ENTREPRENEUR

Patrick Delarive
Founder and President, Delarive Group

11th February 16:00,
Council Chamber
Join us for coffee at 15.30

https://indico.cern.ch/e/entrepreneur

KNOWLEDGE TRANSFER SEMINARS on medical applications

Light and matter at the nanoscale: new technological opportunities for medical imaging

Stefan Enoch

KNOWLEDGE TRANSFER SEMINARS on innovation

KNOWLEDGE TRANSFER SEMINARS on medical applications
Séminaires transfert de connaissances sur les applications médicales

Conférence publique MEDICIS-Promed

PHYSIQUE ET MÉDECINE :
La théranostique actuelle et du futur

ing the interplay
growth
entre la science, la technologie

KNOWLEDGE TRANSFER SEMINARS on aerospace applications
CERN colloquium

JUICE SPACE MISSION TO JUPITER

Giuseppe Sarri
European Space Agency
Project Manager of the JUICE mission

26th April 2018
16:00
Main Auditorium
www.cern.ch/juice2018

KNOWLEDGE TRANSFER SEMINARS on medical applications
Séminaires transfert de connaissances sur les applications médicales

Translational imaging mass spectrometry: From CERN to the surgeon
Imagerie par spectrométrie de masse : du CERN au chirurgien

Prof. Ron Heeren
Director M4I
Maastricht University

29th May 11:00 Council Chamber
Join us for coffee at 10:30

https://indico.cern.ch/e/massspec

KNOWLEDGE TRANSFER SEMINARS on cultural heritage
Séminaires transfert de connaissances sur la préservation culturelle

Smart*Light: A table-top synchrotron for the investigation of art objects
Smart*Light : Un synchrotron de table pour étudier les oeuvres d'art

Prof. Joris Dik
Delft University of Technology

29th June 14:30 Main Auditorium
Join us for coffee at 14:00

https://indico.cern.ch/e/smartlight

Knowledge Transfer
Accelerating Innovation

MAIN AUDITORIUM

KNOWLEDGE TRANSFER SEMINARS on medical applications

GaToroid: A Novel Superconducting Compact and Lightweight Gantry for Hadron Therapy

Luca Bottura

kt.cern/events

Knowledge Transfer
Accelerating Innovation
EN Engineering Department

CERN MAIN AUDITORIUM

Knowledge Transfer
Accelerating Innovation

medipix collaboration

COUNCIL CHAMBER

https://indico.cern.ch/e/gantry

● **Entrepreneurship Meet-Ups:**
10 December lunch: "Side project"
share and care lunch

● **Coaching Start-up :**
- Un projet qui vous passionne?
- Envie de créer votre proper
companie?
- Une bonne idée?
Emailez-nous: kt@cern.ch

Plus d'infos:
kt.cern/entrepreneurship

Entrepreneurship
@CERN

Plus d'informations à
kt.cern

kt@cern.ch