Knowledge Transfer Opportunities

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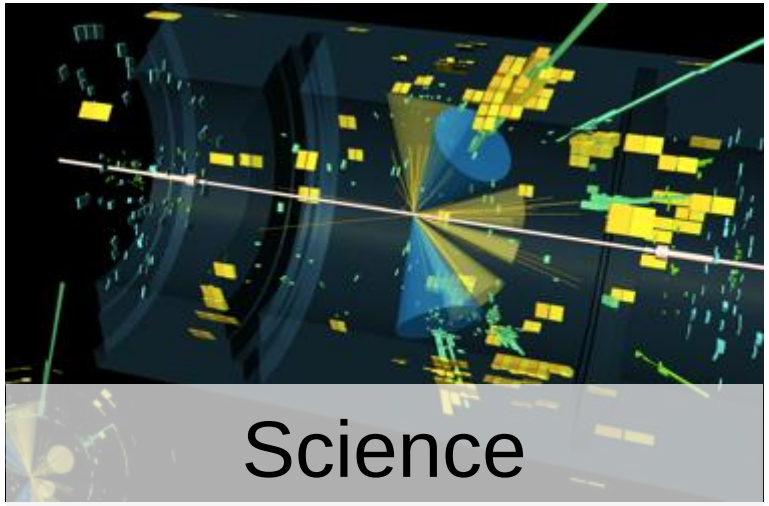
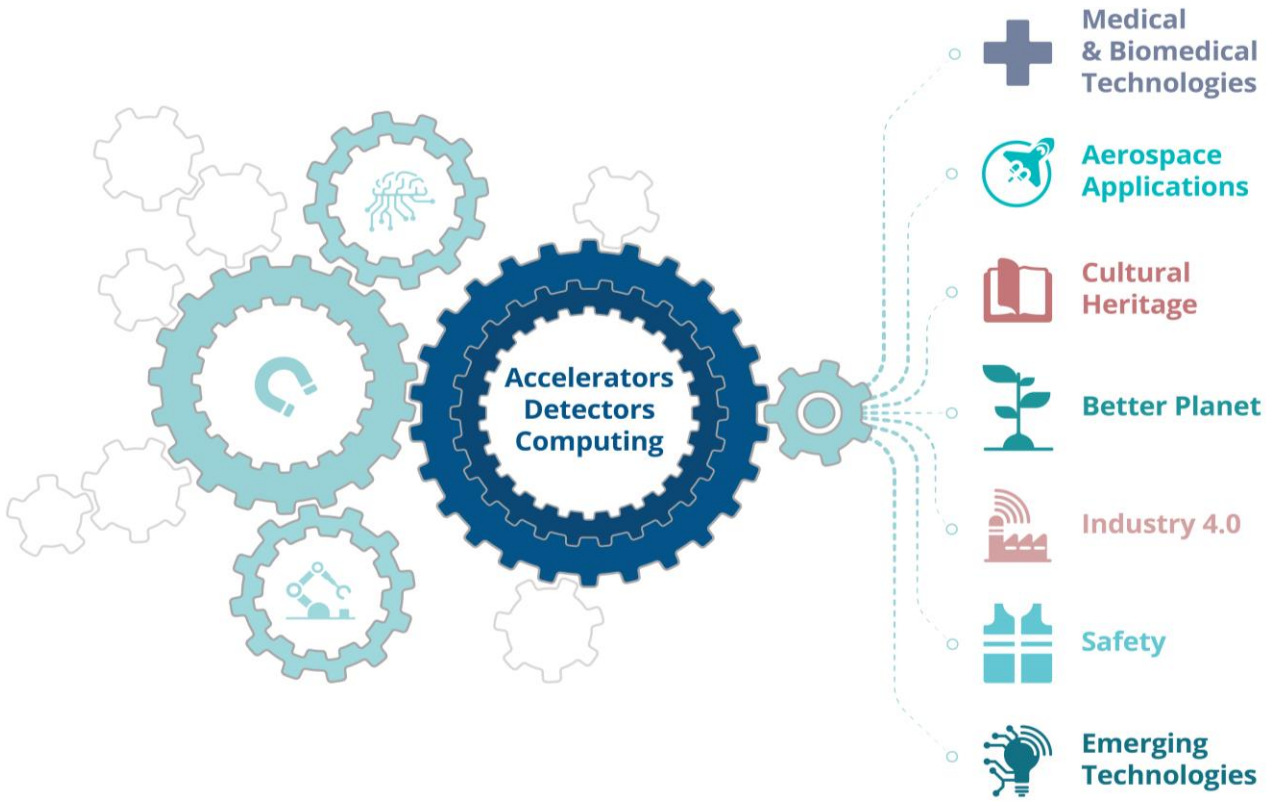
CERN's Mission



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

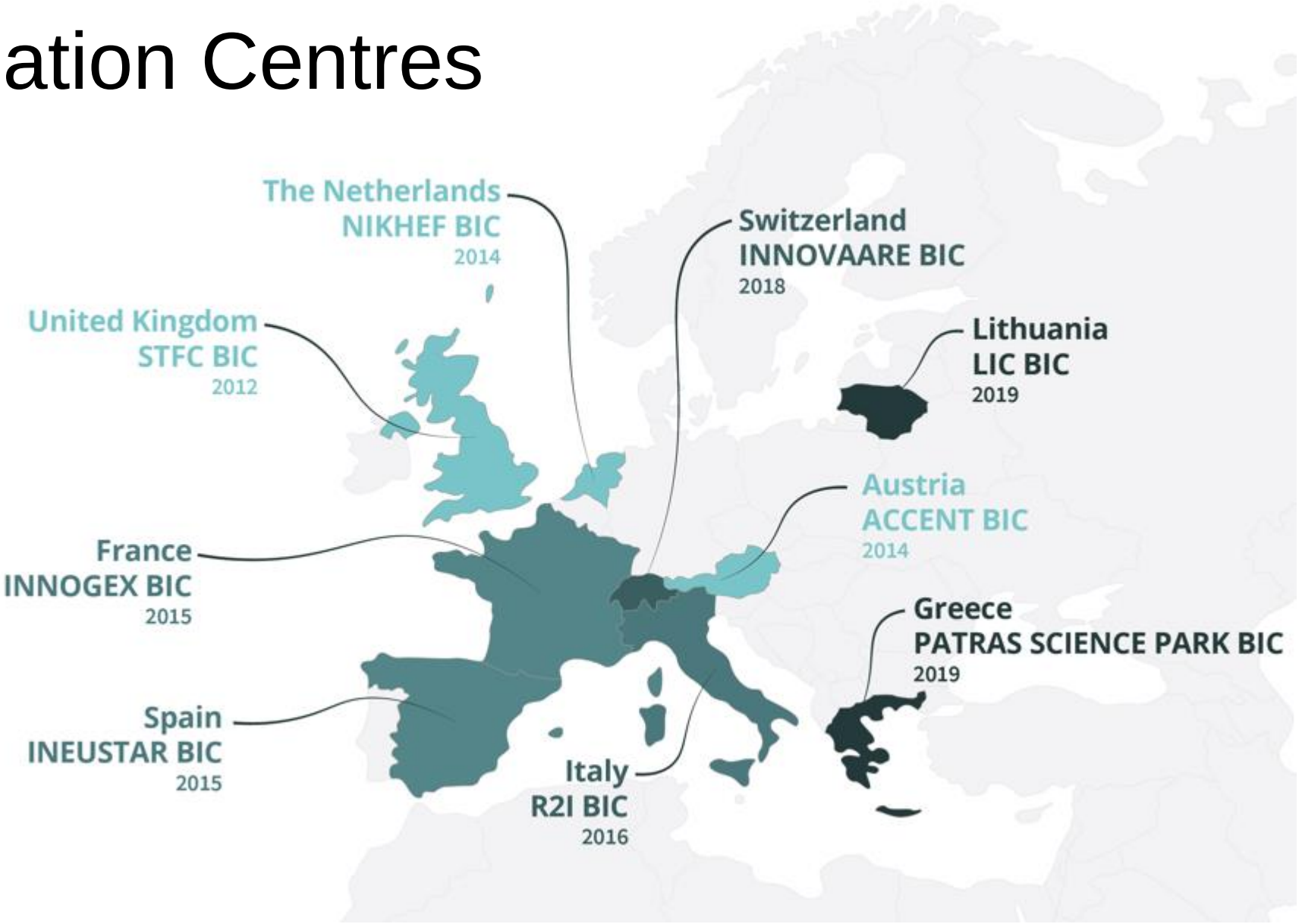
From CERN Technologies...



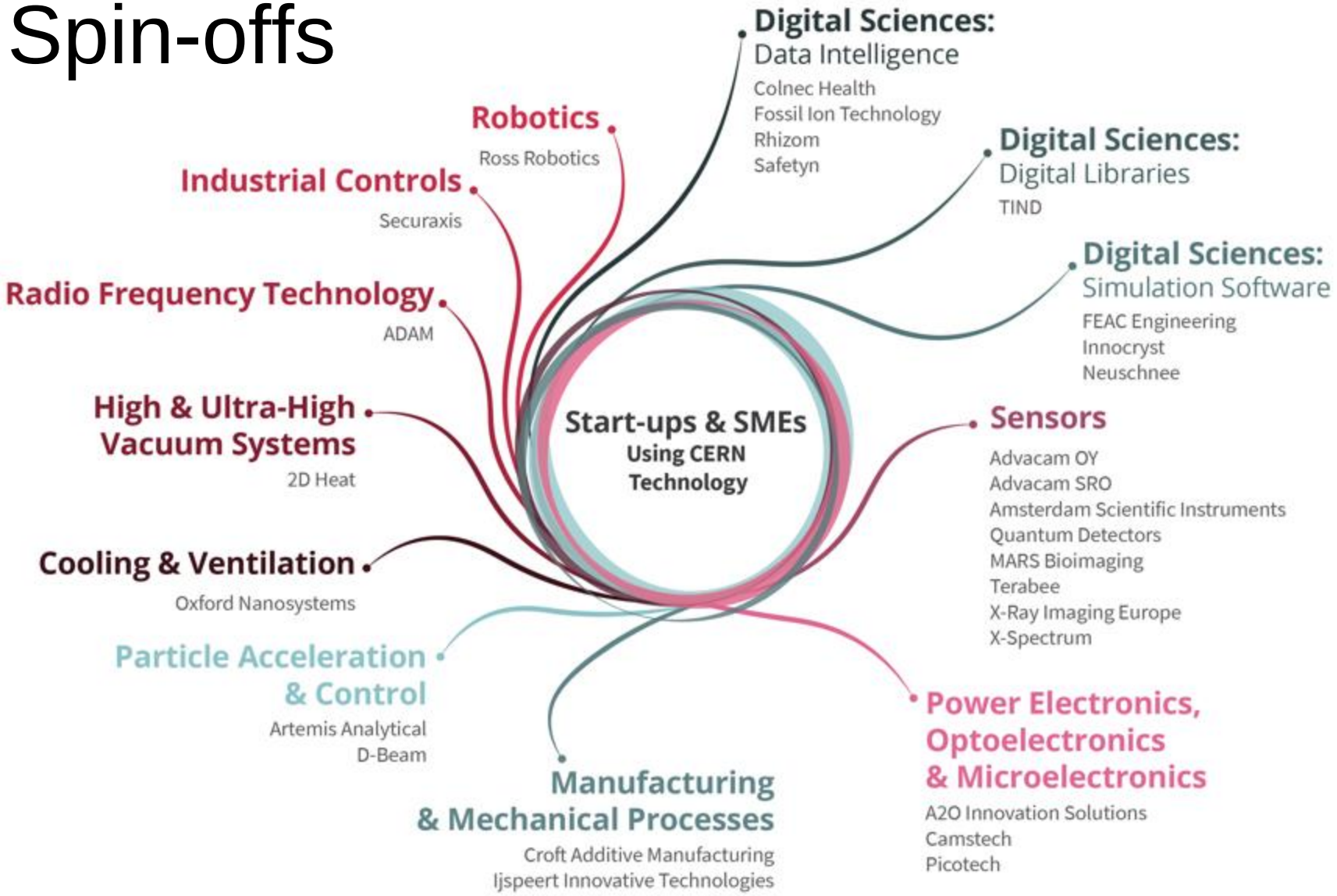
… to Society

Knowledge Transfer Tools

Business Incubation Centres



Start-ups and Spin-offs



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

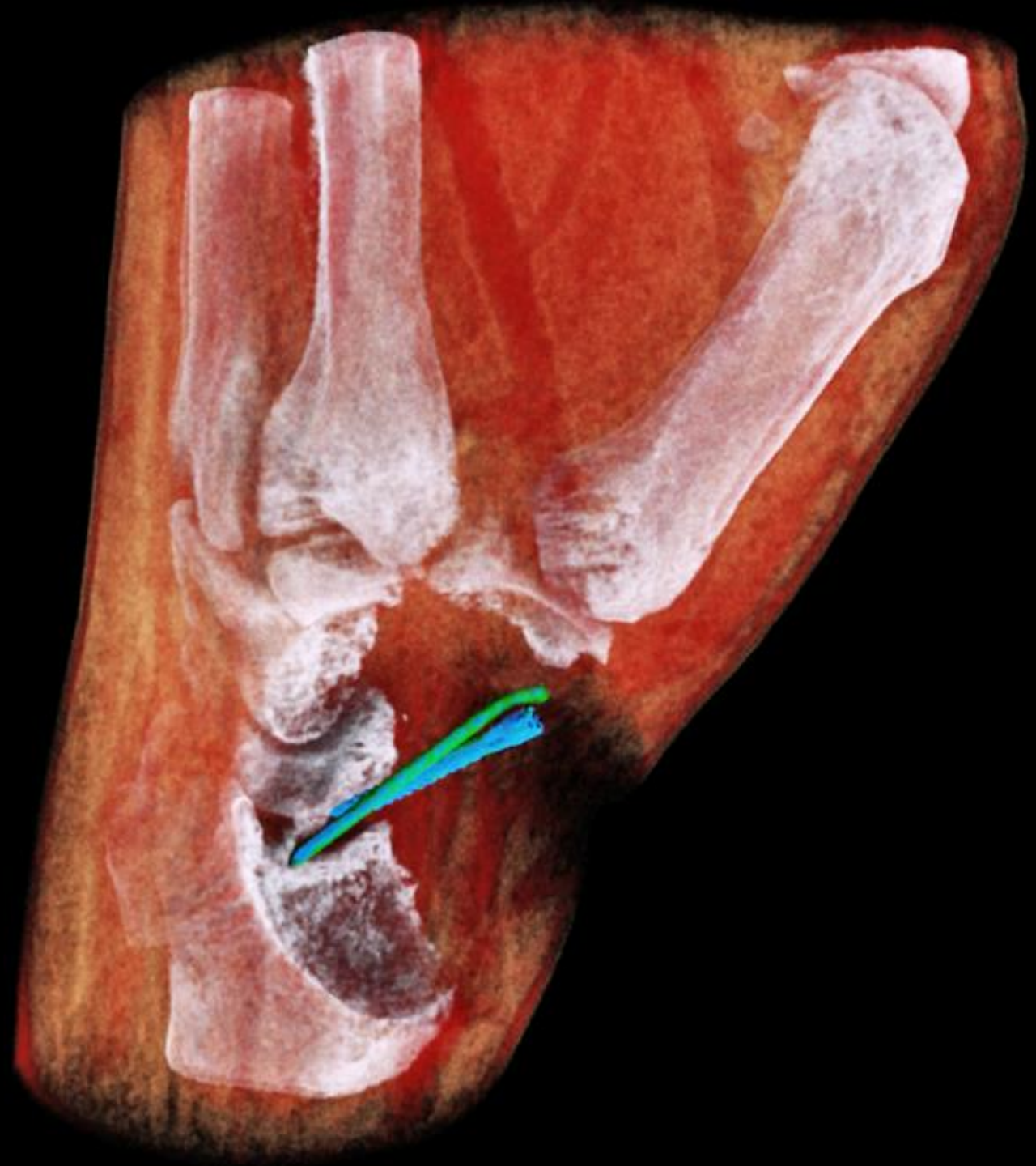
CERN against COVID-19

HEV (High-Energy Ventilator) design developed by members of the LHCb collaboration

Proximeter a proximity sensing device based on CERN's mini-IOT for effective contact tracing

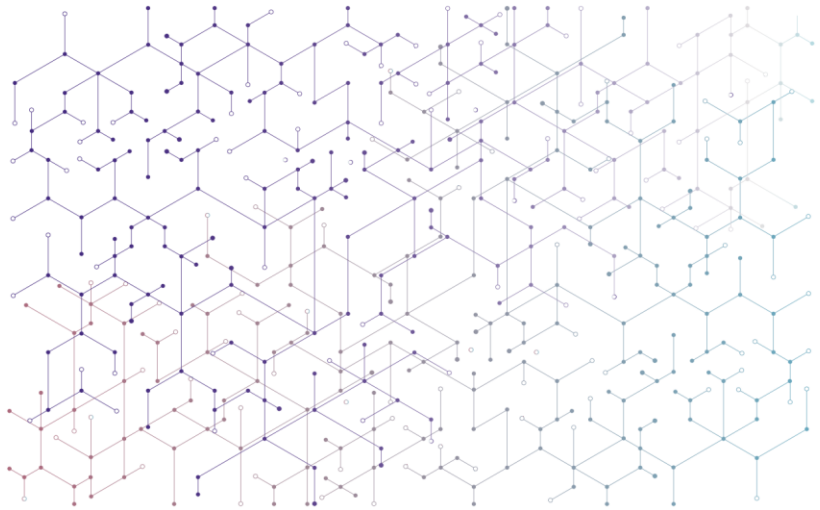
Personal Protective Equipment- under the Open Hardware Licence, CERN designed and produced innovative 3-D printed facemasks

BioDynaMo simulation software, a CERN openlab project & funded by the MA budget- used to visualise how COVID-19 spreads



- New 3D colour X-rays made possible with CERN technology
- MARS Bioimaging released new 3D colour X-ray images generated with the innovative MARS compact scanner, based on the Medipix3 technology developed at CERN.

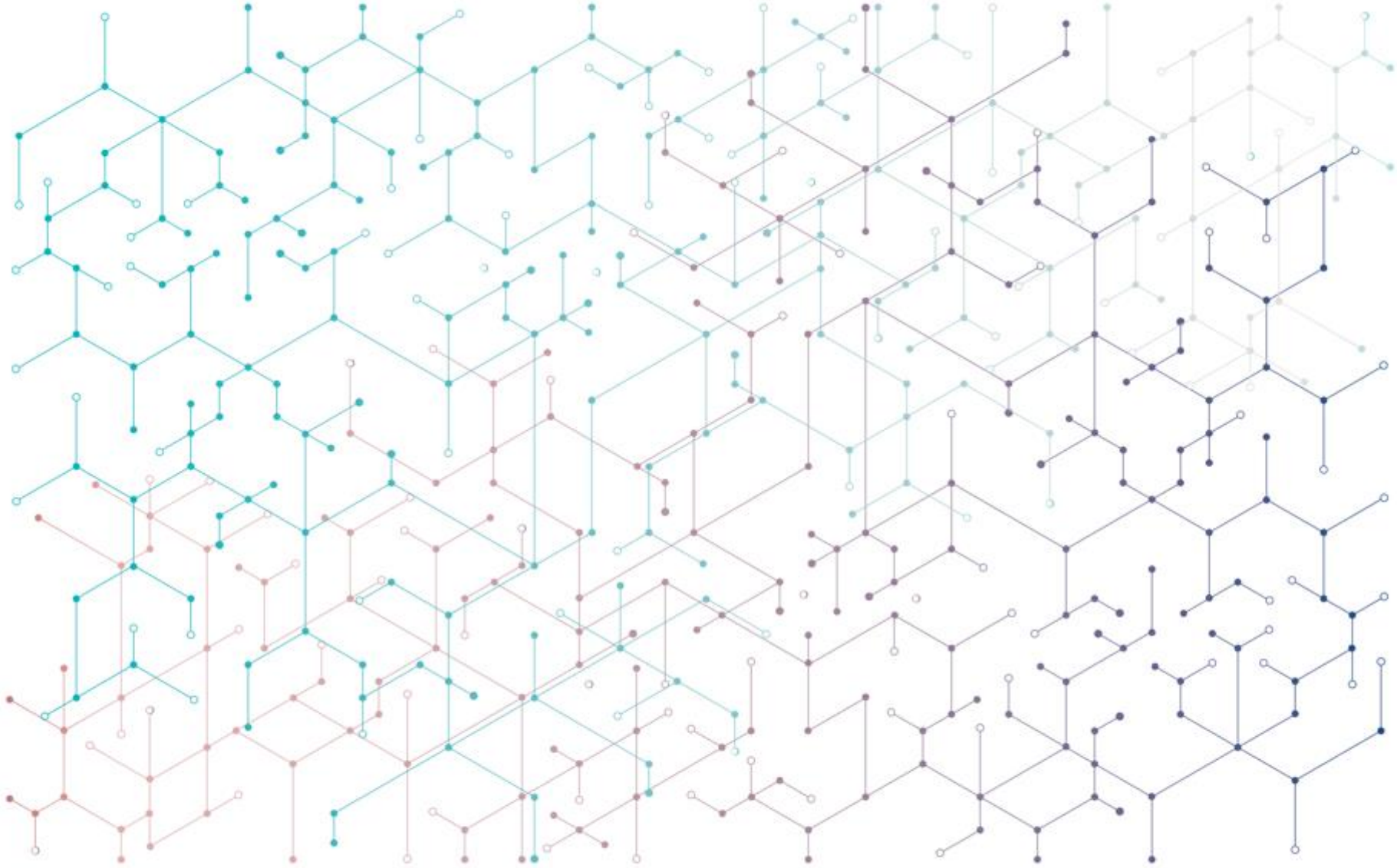
- InsightART successfully helped attribute the painting, *The Madonna and Child* to the Renaissance master Raphael, using RToo – a robotic X-ray scanner with Timepix photon detectors.



Knowledge Transfer
2020 Highlights

FROM CERN TO AEROSPACE

Knowledge Transfer
Accelerating Innovation



Find out more at kt.cern