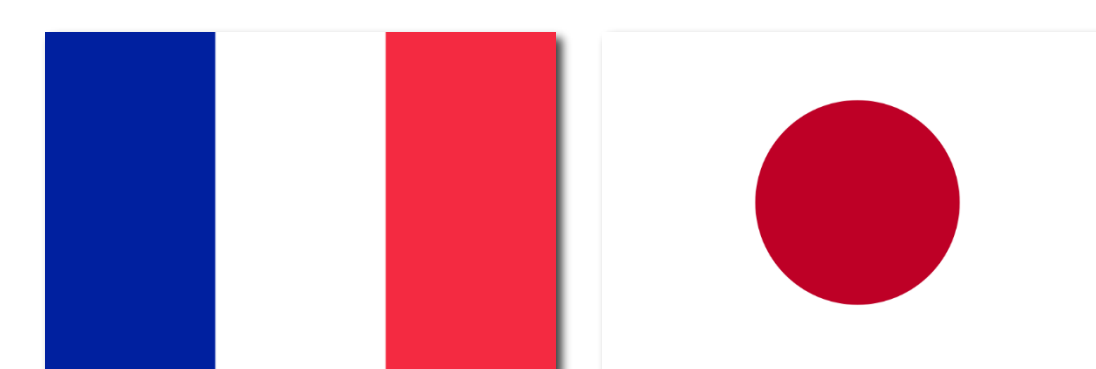




LIMMS

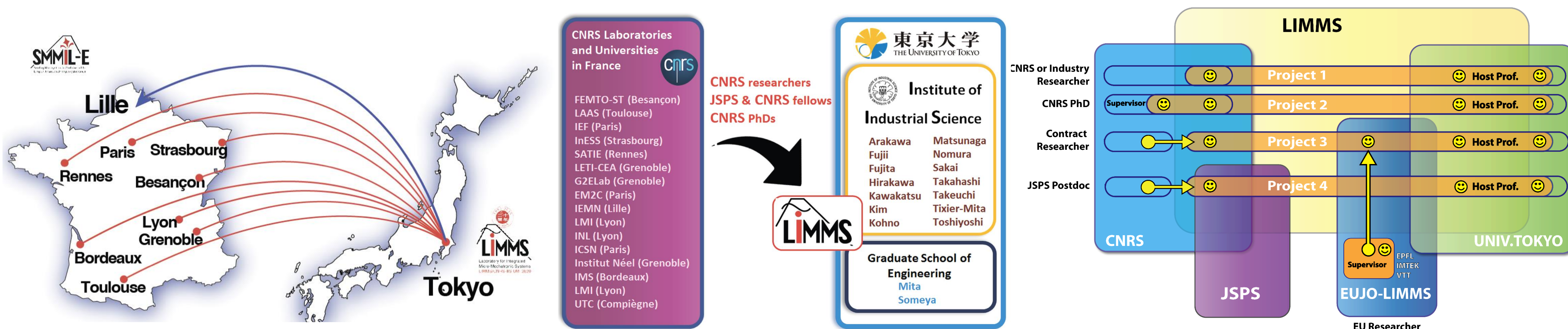


Laboratory for Integrated MicroMechatronic Systems

<http://limmshp.iis.u-tokyo.ac.jp/>

LIMMS: A joint laboratory between France, Europe and Japan

LIMMS is a joint research unit, between the Institute of Engineering and Systems Science of CNRS and IIS, established in 1995. LIMMS welcomes CNRS researchers, post doctoral fellows supported by JSPS and CNRS, PhD and internship students. Since 1995, more than 206 researchers were hosted in IIS. In December 2011, LIMMS and his EUJO-LIMMS extension became the European Commission's first international laboratory in Japan. In June 2014, SMMIL-E laboratory as a mirror site of LIMMS was launched in a hospital, the Centre Oscar Lambret, Lille.



Bio hybrid Systems

DNA Programming

Organ on chip

Integrative Bioengineering

BioMEMS for translational applications

Nano Tweezer

IPS cells

for cancer research

ENERGY

Nano scale heat transfer

Energy harvesting

Photonics/phononics

SMART SENSORS in Society

Sensors/biosensors

Wireless sensors

Neural networks

Internet of Things

Micro/Nano & New technologies

Societal Integration

Heterogeneous process integration

Fluorescence image
VE-cadherin / Nuclei 100 μm

Ecosystem

Reaction network

DNA system

in vitro dynamics

Hepatovox

iLite

UNICANCER

Centre Oscar Lambret

CNRS

SMMIL-E

Université Lille1

Institute of Industrial Science, The University of Tokyo

500 nm

Graphite
Paper
Triboelectric nanogenerator

Si phononic crystal
Al pad

Mobile arm

Cyberknife X-Ray head

information-processing pattern-recognition algorithm