



Flexible Intelligent NEarfield Sensing Skins

MAIN PROJECT OBJECTIVE

Realizing smart flexible surfaces with sparse electronics, using **advanced electromagnetic metasurfaces**, with sensitivity that decreases with distance from the surface.

LONG TERM VISION

Redefining the sense of 'touch' of devices with **ultra low-power smart skins**, leading to a transformation in **safe and efficient human-device interaction** that transcends physical limits.

APPLICATIONS



SHORT TERM

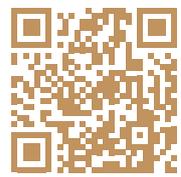
ROBOTICS



LONG TERM

ADVANCED
HEALTHCARE

WEBSITE



fitness-pathfinder.eu

Project acronym & title

FITNESS

Flexible Intelligent NEar-field
Sensing Skins



GA Number

101098996



7 partners



**4 EU
countries**



Project Coordination
**Université catholique
de Louvain (BE)**



Duration

48 months



EU requested
contribution

3,6 M€



Starting date

01/04/2023

CONSORTIUM

UCLouvain



Fraunhofer
FHR



FER
Fakultät
elektrotehnike i
računarstva

TUHH
Hamburg
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