

Un laboratoire d'enseignement supérieur expérimental et trans-disciplinaire

AFIA 2021

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00| WHO AM I?

Dr. Clément DUHART

PhD Computer Science

2007 - 2011 CNRS Institut Système Complexe - Pr C. BERTELLE
Toward Organic Ambient Intelligences? EMMA

Postdoc & Research Scientist

2011 - 2019 MIT Media Lab - Pr Joseph PARADISO
Networked Sensory Landscape Against Climate Change

Innovation Lab Founder

2019 - 20XX De Vinci Innovation Center
Transdisciplinary Experimental Innovation Lab for Students



EUI
EUROPEAN
UNIVERSITY
INSTITUTION



Clément Duhart

Toward Organic Ambient
Intelligences? EMMA



00| Pole Universitaire Léonard de Vinci



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01 | DE VINCI INNOVATION CENTER

Fab Lab Infrastructure

“How to Make almost everything ”



Lab d'électronique

Academic Cursus

“How to Learn almost everything ”



Espace 4D



Intelligence Artificielle



Lab de matière souple et active



Ferme Impression 3D



Workshop

Project Support

“How to Develop almost everything ”



Living Lab

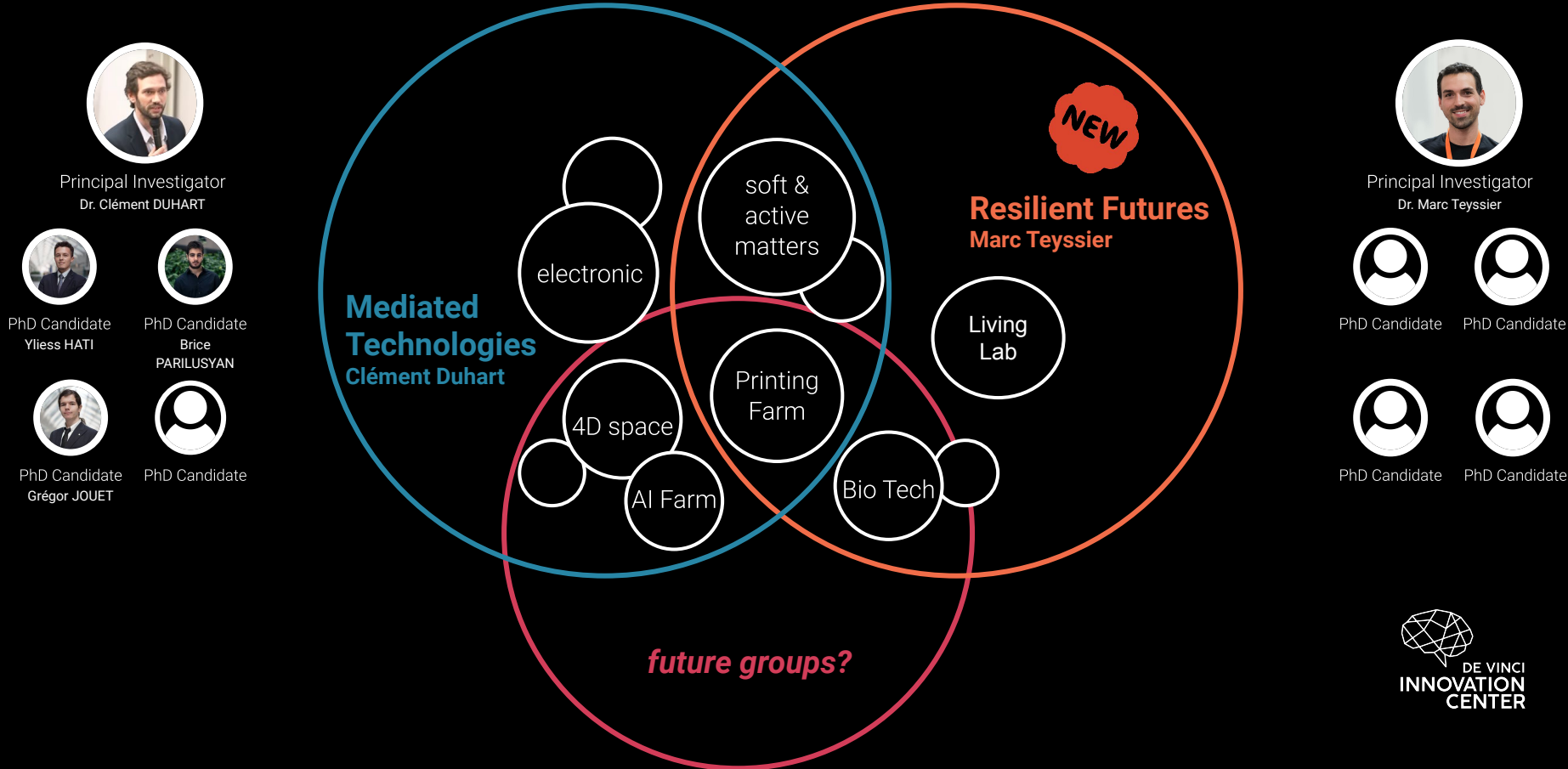


Bio Tech Lab

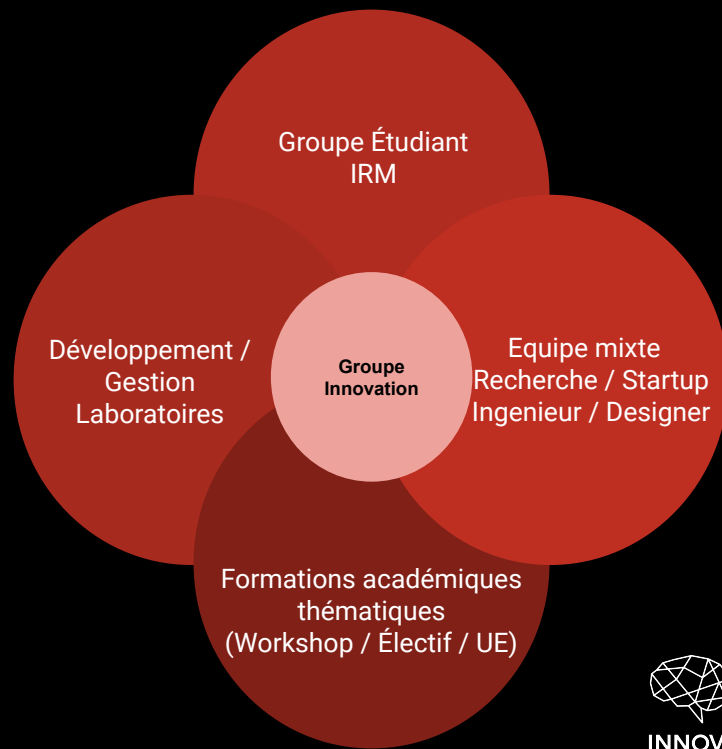
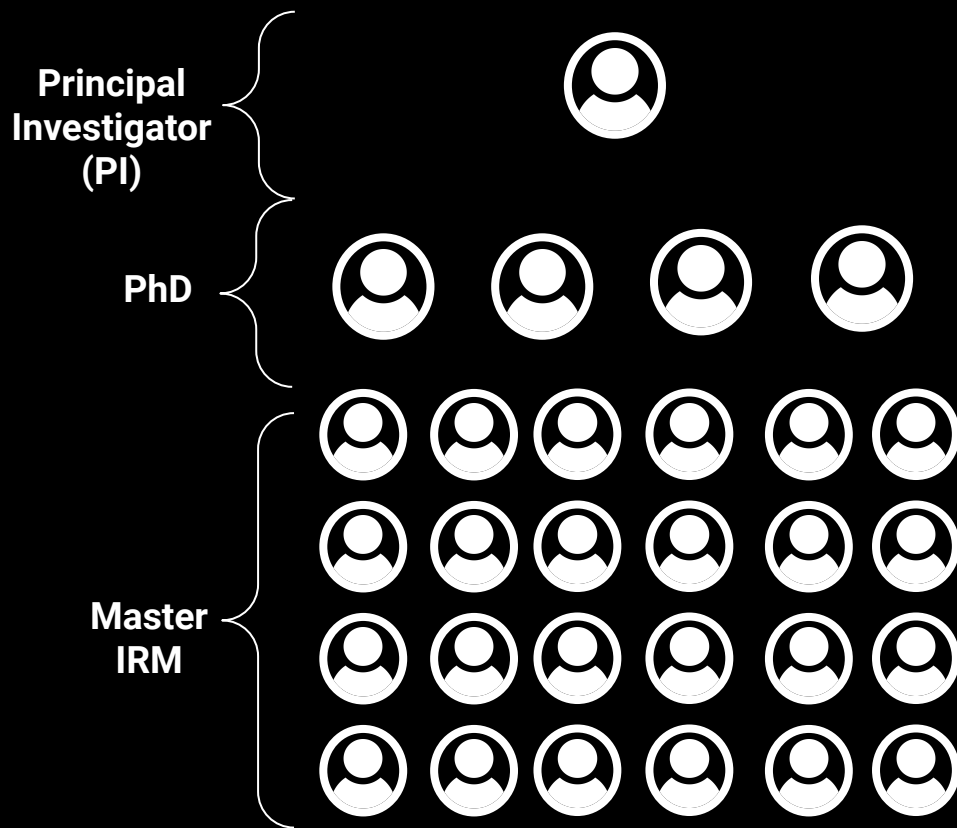


Robotic Platform

01 | GROUPE INNOVATION (GI)



01 | GROUPE INNOVATION (GI)



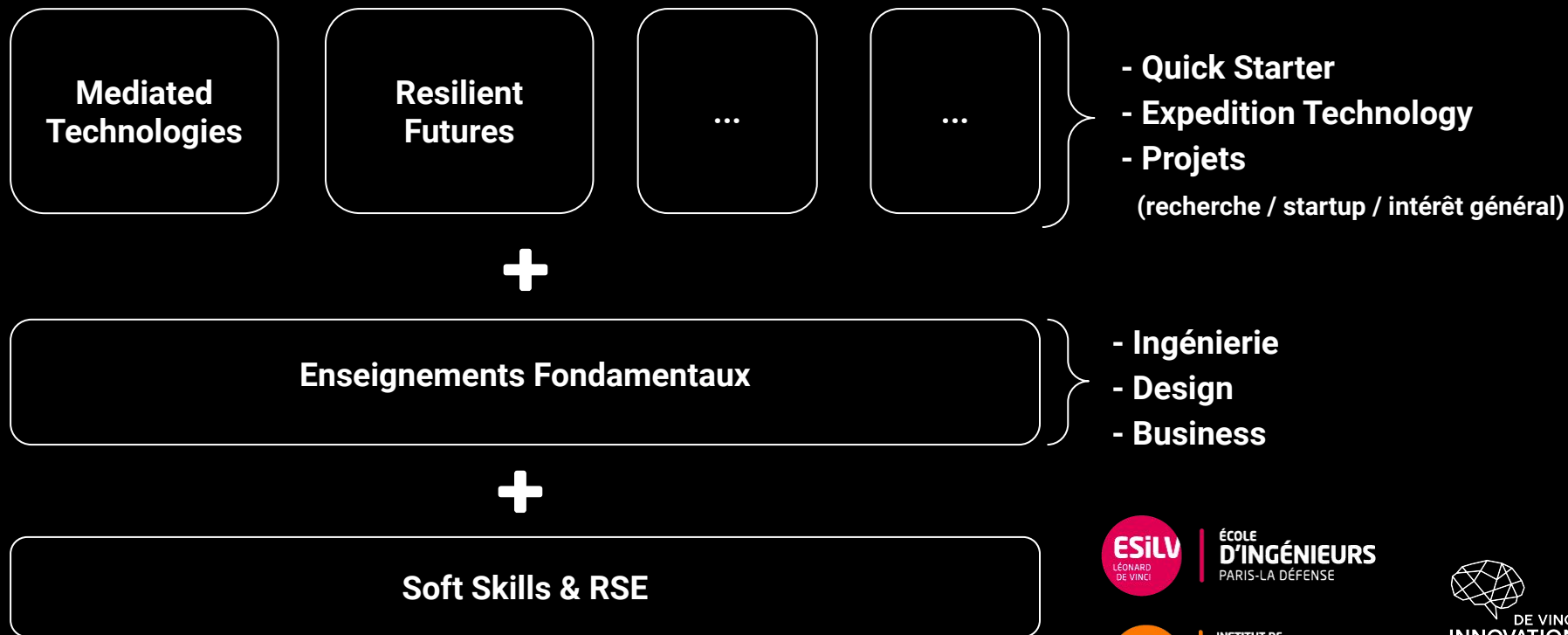


Understanding the Links and Differences between Innovation,
Research and Manufacturing **to be In Between**



Clément DUHART

01| MASTER - INNOVATION, RESEARCH AND MANUFACTURING



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02| EXPERIMENTAL PEDAGOGIES

Radical Learning

Practice Before Theory for a Perceptual Understanding of Goals and Challenges

Anti-disciplinarity

Exploration Before Expertise for Free Creativity of Ideas and Solving Methods

Collective Intelligence

Collaborating Before Ownership for Open Contribution to Projects and Knowledge Sharing



Demo or Die

MIT MediaLab



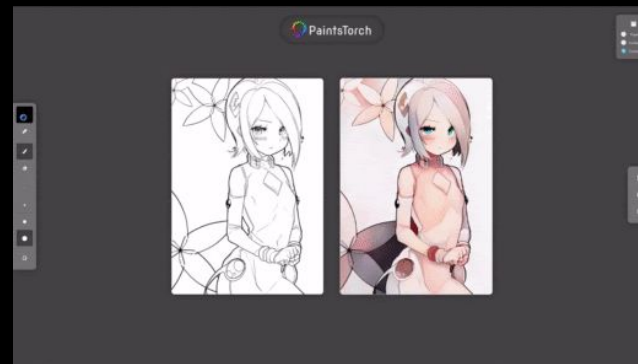
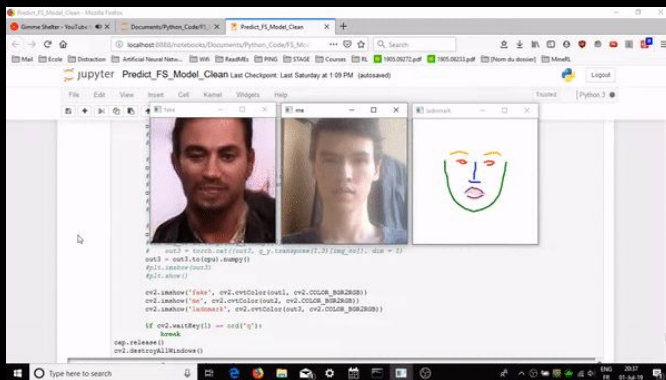
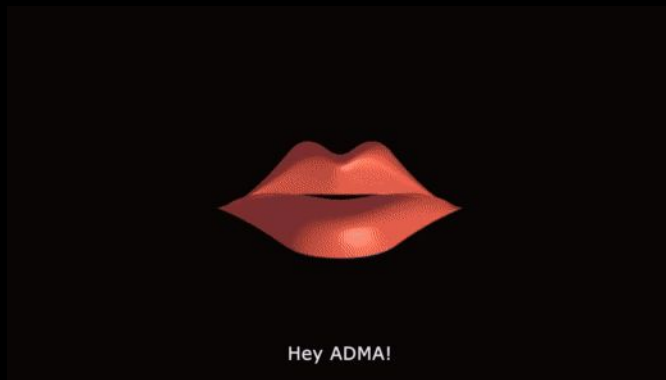
03| WORKS IN PROGRESS

Tangible Media, AR/VR



03| WORK IN PROGRESS

Artificial Intelligence

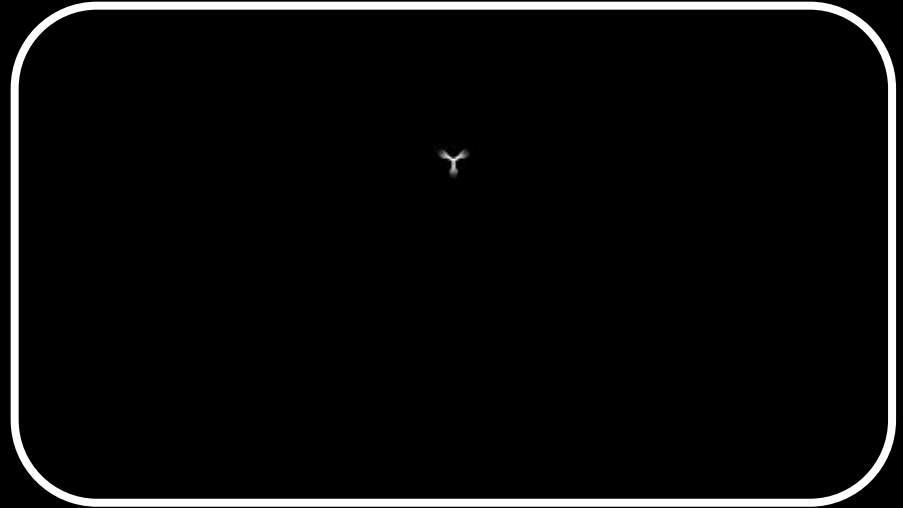


<https://github.com/vincent-thevenin/eggnoggRL>
<https://github.com/0xUKN/libeggnogg>



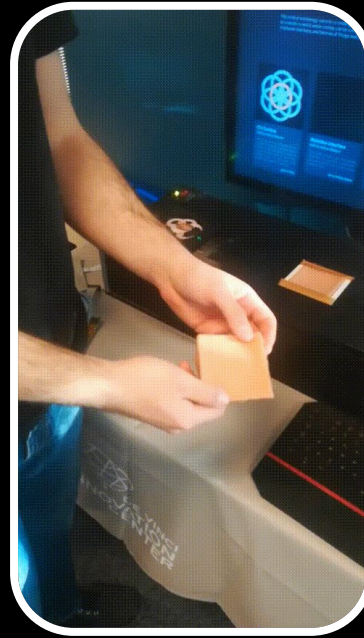
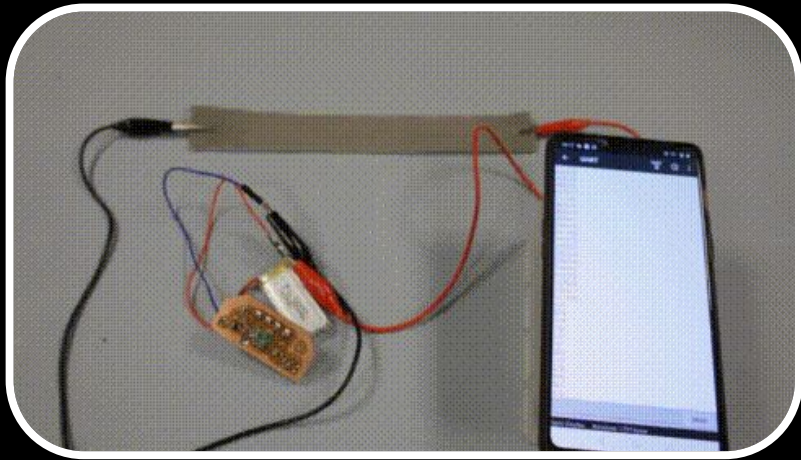
03| WORK IN PROGRESS

Swarm and autonomous robotic



03| WORK IN PROGRESS

Smart Materials, e-textile



04| COLLABORATIONS & PARTNERSHIPS

CHAIRE, Workshops, Hackathons and Project Development with



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Supported Student Associations



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04|

OPEN DISCUSSION

