

Leonardo

The Multimagineering Project

IEEE EUROCON

Torino (Italy), 6-8 July 2023



7.7.2023

AM USA

ORACLE



POLITECNICO MILANO 1863

NECST
laboratory

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Politecnico di Milano

www.necst.it | Facebook: @NECSTLab | IG: @NECSTLab | YouTube: NECSTLab

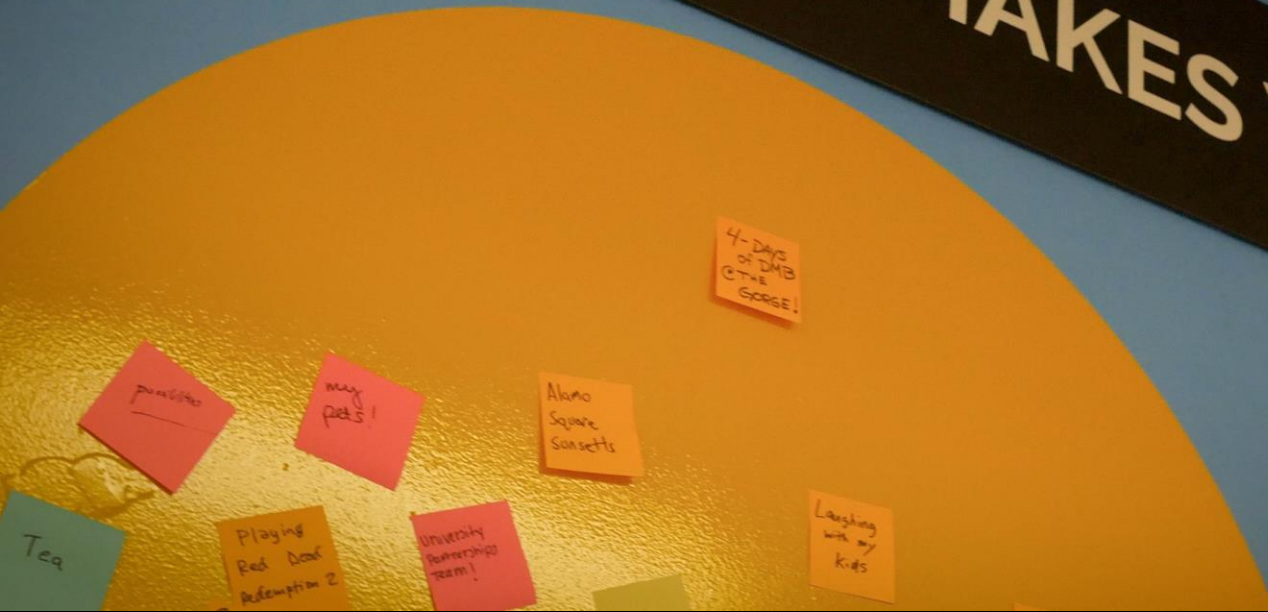
DUDE'S LAW*

$$\text{VALUE} = \frac{\text{WHY}}{\text{HOW}}$$

DUDE'S LAW*

$$\text{VALUE} = \frac{\text{WHY}}{\text{HOW}}$$

WHAT MAKES YOU HAPPY?



Make Others
Successful

IDEO

Make Others
RESEARCHER
Successful

IDEO

Make Others
Successful

RESEARCHER

EMPLOYEE

IDEO

Make Others

RESEARCHER

EMPLOYEE

ENTREPRENEUR

IDEO

DUDE'S LAW*

$$\text{VALUE} = \frac{\text{WHY}}{\text{HOW}}$$

Theoretical Hierarchy Of Leonardo



From Theoretical Hierarchy To Leonardo Pillars

RESEARCH

RESEARCH

LEARNING

LEARNING

PHYSICAL ACTIVITIES

WELL-BEING/NESS

PSYCHOLOGY

NUTRITION AND SLEEP

ENVIRONMENT

ENVIRONMENT



POLITECNICO
MILANO 1863

THE LEONARDO WAY

LL1

LL2

LL3

LL4

LL5

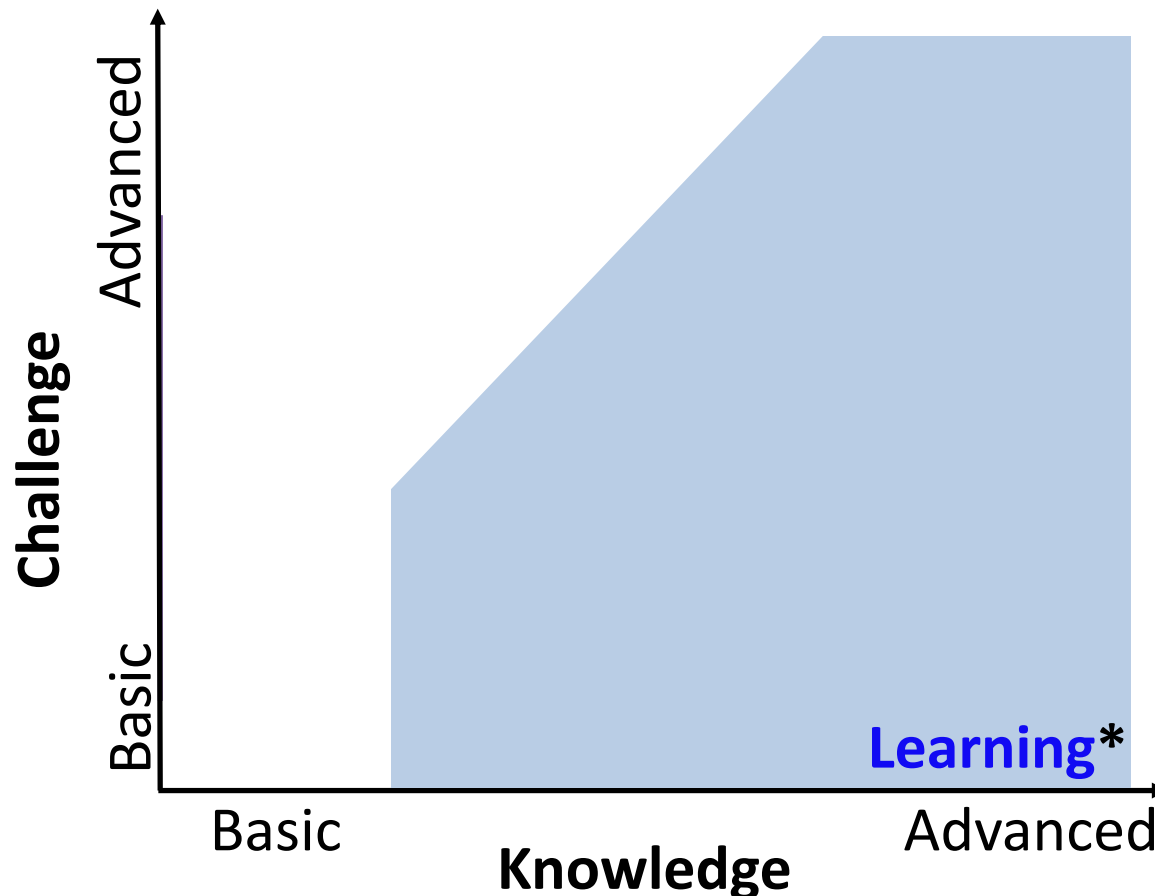
Phase-1: Exploring opportunities –
Research, Entrepreneur, Company

Phase-2: Dazzle –
Research and leadership/team management

Phase-3: Specialize/Nail
it – PhD/StartUp

Foundations: The Learning Pillar

Acquiring the necessary **knowledge**





LL1

LL2

LL3

LL4

LL5

Phase-1: Exploring opportunities –
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HARD

Courses/
Activities

adaptive
computing

HPC4graphs

...

FPGA-based
Systems

LaTeX

SOFT

Courses/
Activities

stress
management

StartUp101

...

Pitch &
Talks

Creativity

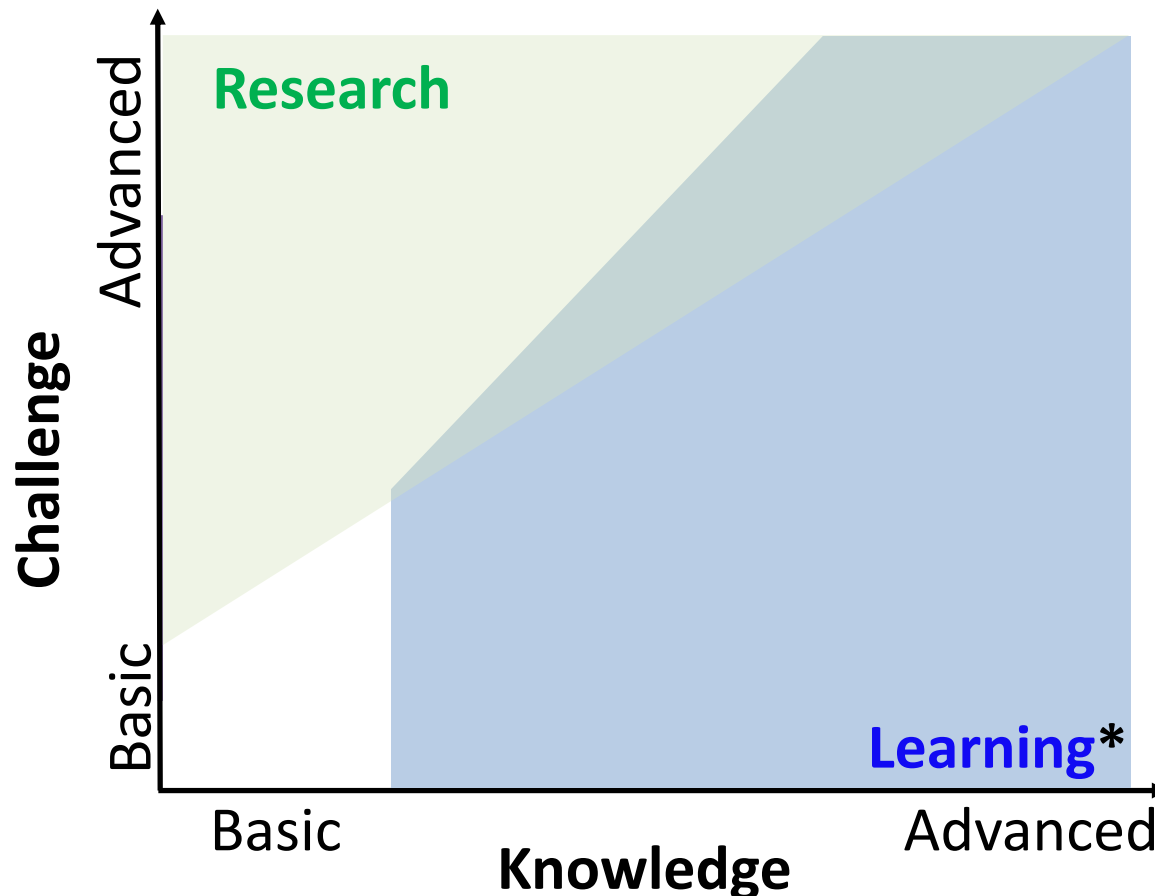
Debate

L
L
1

L
L
3

Foundations: The Research Pillar

Learning how to use the knowledge to do **research** also to explore future opportunities



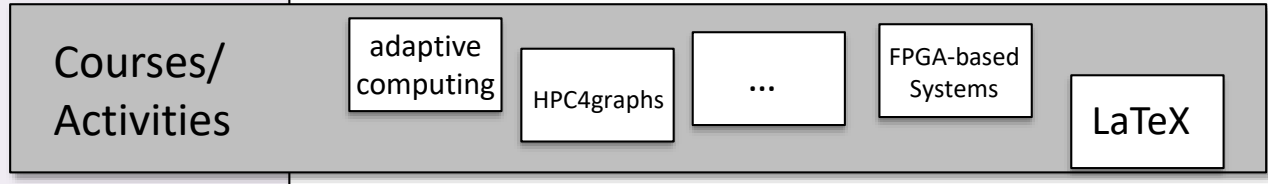


Phase-1: Exploring opportunities –
Research, Entrepreneur, Company

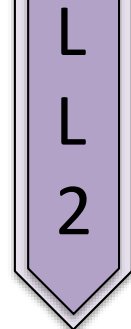
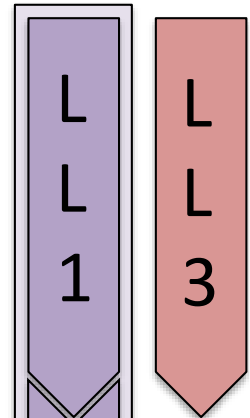
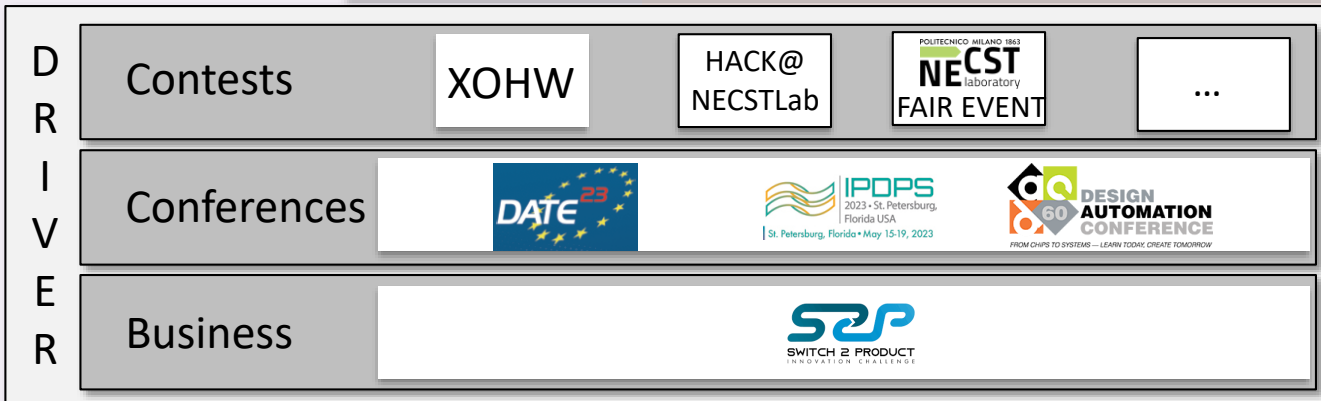
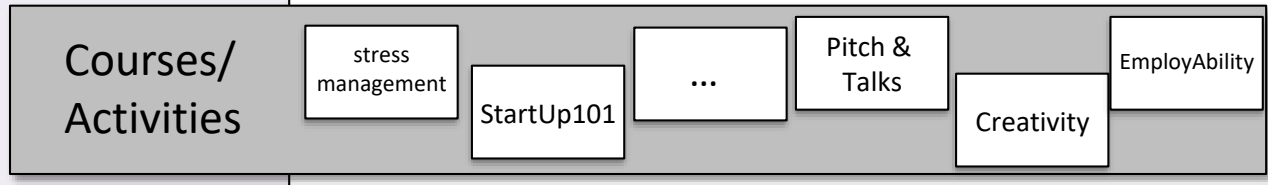
Phase-2: Dazzle –
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HARD



SOFT



P1
EXITS



- 2017: 7 teams, 3 finalists, 1 winner
- 2018: 3 teams, 1 finalists, 1 winner

AREX

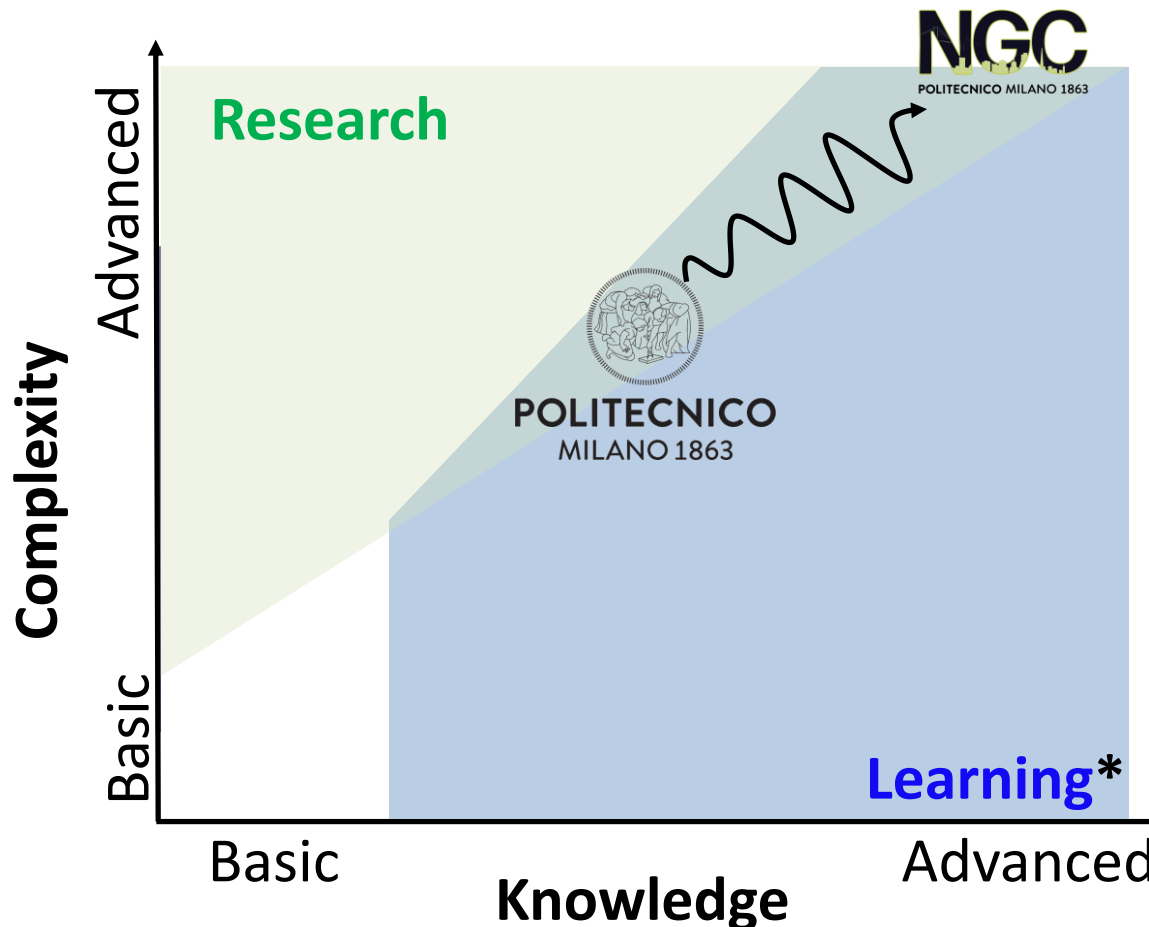
HUxelerate[™]

- 2021: 1 team, 1 finalist, 1 winner
- 2022: 4 teams, 1 finalist



Leonardo: Phase-2... at the end

Exiting **comfort zone** to unleash students' true **potential** by **exposure** to leading companies and other universities



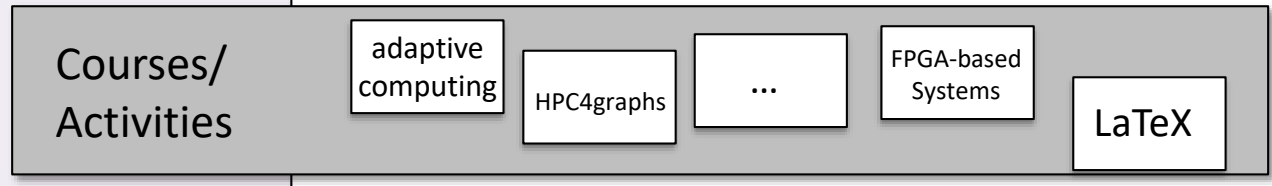


Phase-1: Exploring opportunities –
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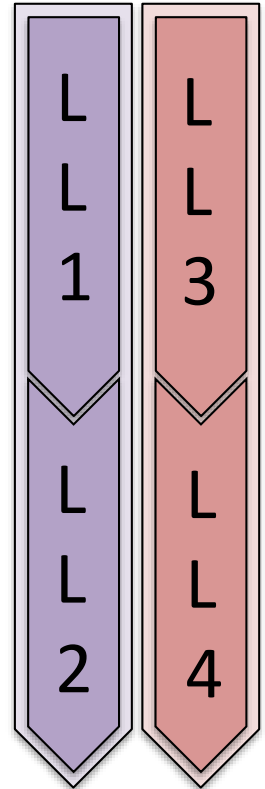
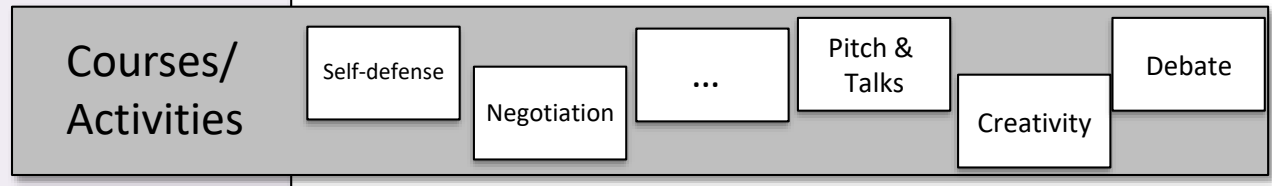
Phase-2: Dazzle –
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HARD



SOFT



P2

EXITS

A history of research... ... but always looking at the world

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NECST **CAMP**
laboratory



sofia

iterpro



AREX



2014

2015

2018

2019

2020

2021

2022

2023

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$$\text{VALUE} = \frac{\text{WHY}}{\text{HOW}}$$

AT THE END...

DUDE'S LAW*

$$\text{VALUE} = \frac{\text{WHY}}{\text{HOW}}$$

AT THE END...



VALUE =



IT'S ALL ABOUT THEM!

QUESTIONS

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