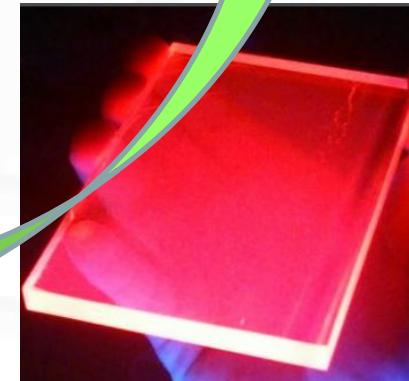
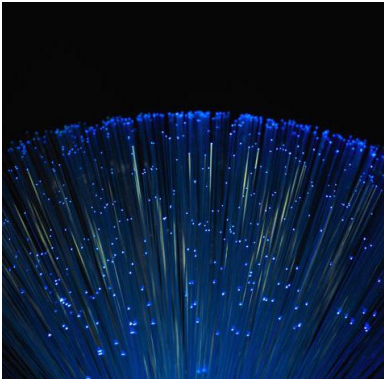
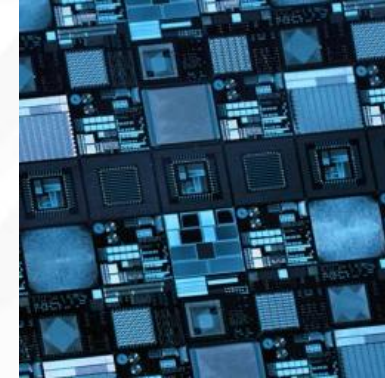
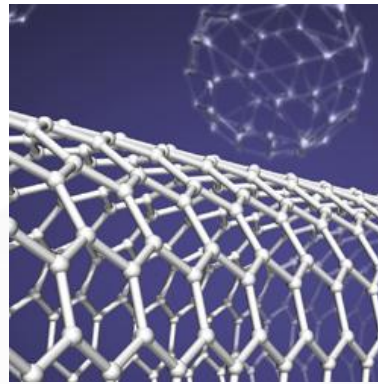
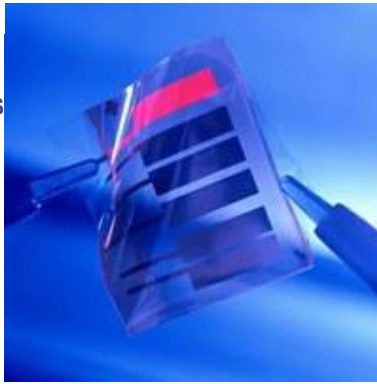


Master Degree

MATERIALS SCIENCE

A High educational path towards Technology through Sustainable Materials

Alberto Paleari
alberto.paleari@unimib.it



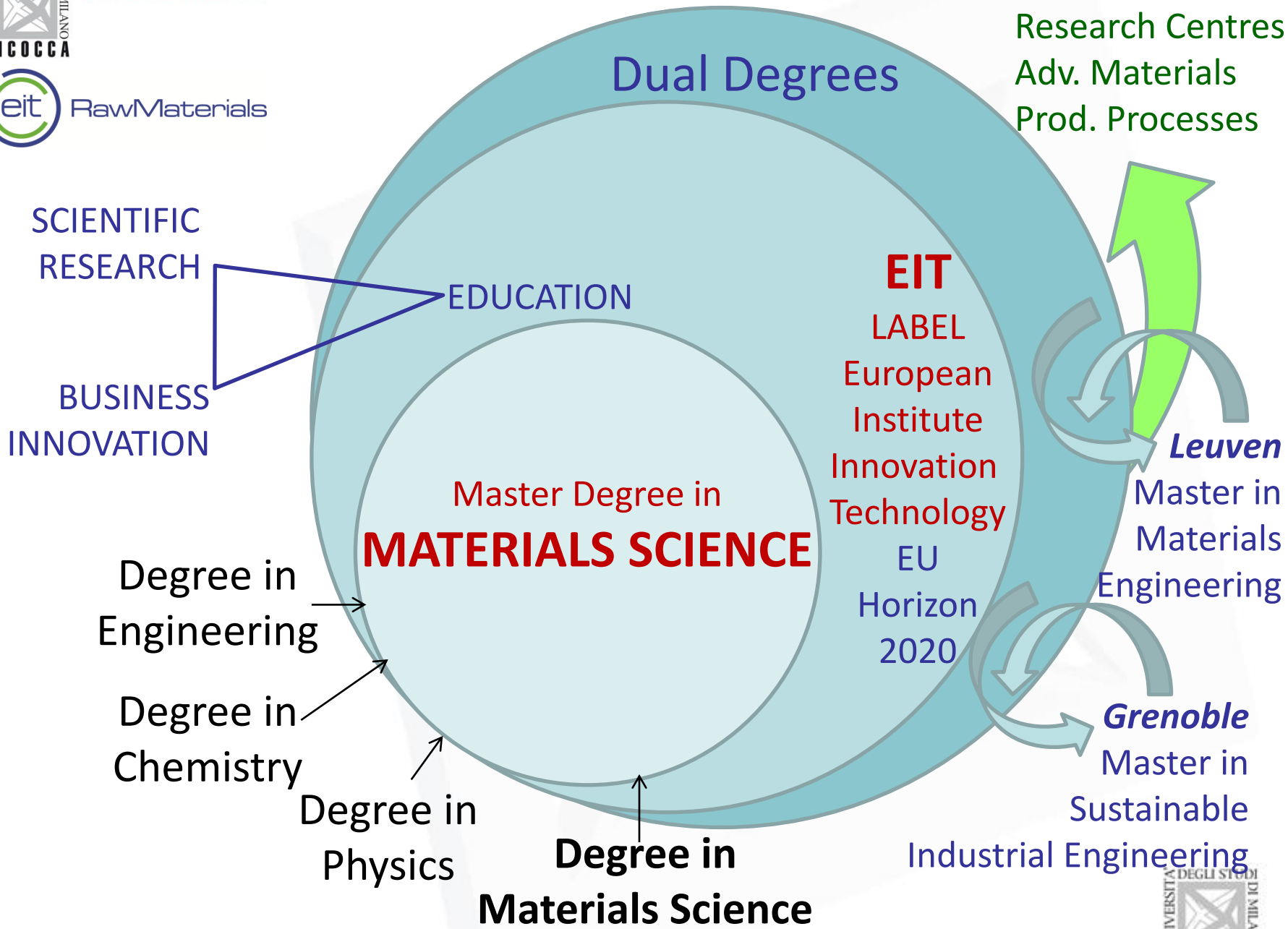
Master Degree in
MATERIALS SCIENCE

Degree in
Engineering

Degree in
Chemistry

Degree in
Physics

Degree in
Materials Science



PROGRAMME STRUCTURE

1st Year

2nd Year

5 COURSES
PRINCIPLES
& LABs

Chem-Phys-Math

ELECTIVE
COURSES
&
INTERNSHIP
&
THESIS

Physics

*Physics of Semiconductors
Physics of homog.&nano Dielectrics
Mol. Photonics & Electrns.*

Chemistry

*Chem. of Inorganic Mater.
Chem. of Molecular Mater.
Phys.Chem. Solid State & Surfaces*

Technology

*Phys.& Tech of Electr.Devices+LAB
Chem.& Tech of Polymers+IND.Appl
Low Environ.Impact Proc. & Mater.*

3 COURSES
AREAS

2 COURSES
APPLICATIONS

1 COURSE
INNOVATION
*Nanotech &
Innovation*

Applications

*Metals Science & Sustainability
Surfaces & Interfaces
Radiation Matter Interaction*

Applications

*Mater.& Devices for Energy Eng.
Statistical Thermodynamics of Mater
Synthesis &Special Organic Tech.*

INTERNATIONAL PROGRAMME

1st Year

Physics

Physics of Semiconductors
Physics of homog.&nano Dielectrics
Mol. Photonics & Electrns.

Chemistry

Chem. of Inorganic Mater.
Chem. of Molecular Mater.
Phys.Chem. Solid State & Surfaces

Technology

Phys.& Tech of Electr.Devices+LAB
Chem.& Tech of Polymers+IND.Appl
Low Environ.Impact Proc. & Mater.

5 COURSES
PRINCIPLES
& LABs

Chem-Phys-Math

3 COURSES
AREAS

12 ECTS

APPLICATIONS
SUSTAINABILITY

ELECTIVE
COURSES
&
INTERNSHIP
&
THESIS

2nd
Year

6 ECTS
INNOVATION

Applications
SUSTAINABILITY
ENTREPERNEURSHIP

DUAL DEGREES – LEUVEN (B) / GRENOBLE (F)