

IMBALLAGGI ECO-SOSTENIBILI PER IL CONTATTO ALIMENTARE

Materiali innovativi bio-based applicati ad imballaggi anche a base cellulosica.



Laboratorio Materiali Polimerici Ecocompatibili

23 - Maggio - 2019

Spin-off di:



LMPE è integrata all'interno del RiLAB, nel Parco Scientifico di Capannori (Lu).

Grazie all'accordo con l'Organismo di Ricerca Lucense SCaRL, RiLab raggruppa laboratori che operano allo sviluppo di nuovi materiali eco-compatibili, finalizzati all'attuazione di percorsi che conducono, nell'ambito dell'economia circolare, ai processi di rifiuti industriali ZERO o ad una seconda vita eco-compatibile per i rifiuti generati dall'Industria.



Spin-off di INSTM *Research unit of:*



INSTM
Consorzio Interuniversitario Nazionale per la
Scienza e Tecnologia dei Materiali



UNIVERSITÀ DI PISA
Dipartimento di Chimica e Chimica
Industriale



**Centro
Qualità
Carta**
LUCCA - ITALIA

LAB NANOTEC



SCUOLA
NORMALE
SUPERIORE

Coordinamento di:



BOARD & TEAM

Board



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Prof. Emo Chiellini



CEO

Luca Landini



Innovation Business Development

Ing. Francesco Sandias

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Pèrez, PhD**



Researcher
**Ing. Vassilka
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**Roberto
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Administration
**Francesca
Landini**

Scientific Committee



Prof. Ing. Dr. Sc. Stanislav Miertus
General Manager ICARST.
Full Professor of Chemical and Biotechnology,
University of Bratislav, Slovakia.



Prof. Giancarlo Galli
Full Professor of Industrial Chemical, at the
Department of Chemical and Industrial Chemical at
Pisa University.



Prof. Andrea Caneschi
Associate Professor at Chemical Department of
Florence University.
General Manager of INSTM consortium.



Prof. Alberto Cigada
Full Professor of Chemical, Materials and Chemical
Engineering at Politecnico di Milano.
President of the Scientific Committee and Responsible
for Technological Transfer at INSTM Consortium.



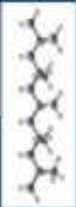
Prof.ssa Federica Chiellini.
Associate Professor at Chemical and Industrial
Chemical Department at Pisa University.



Dott.ssa Giulia Landini.
Graduating (2° level Master) in Government
and Business Administration at Economy
Faculty at Florence University.

Natta Prize 2018



13
ottobre
2018

PREMI GIULIO NATTA E NICOLÒ COPERNICO

PER LA RICERCA SCIENTIFICA E L'INNOVAZIONE TECNOLOGICA




Presentazione dei premi per la ricerca scientifica e l'innovazione tecnologica

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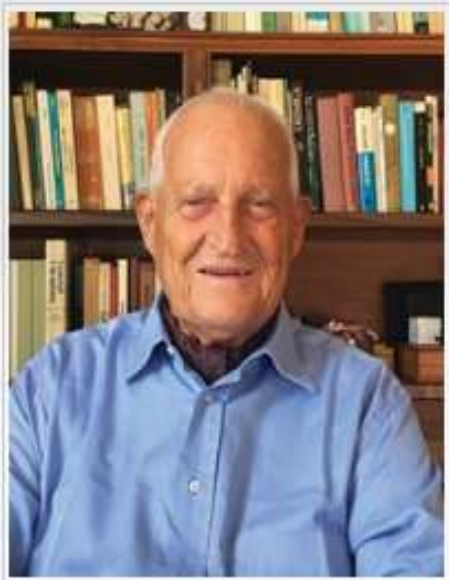







Prize Dedicated | The Winners | The Committees | Video 2018 | Photogallery

Emo Chiellini



Emo Chiellini

Reason

Emo Chiellini, full Professor of Chemical Foundations of Technologies at the Faculty of Engineering of the University of Pisa, after the brilliant results obtained in the stereospecific polymerization studies of chiral vinyl monomers (alpha olefins and vinyl ethers), one of the first in Italy, has been interested since the 80s on the study of biodegradable polymeric materials for biomedical and pharmaceutical applications, realizing new and important acquisitions in tissue engineering and controlled and targeted release of drugs. In the field of techniques and procedures to improve the quality of the environment and for an eco-sustainable chemistry, Chiellini has developed new polymeric materials to produce anti-fouling paints, water-soluble polymeric materials to obtain paper products with barrier characteristics to humidity, polyesters of microbial origin from agriculture-industrial waste for compostable biodegradable packaging and polymeric mass materials based on poly (hydrocarbons) for the production of oxo-biodegradable plastic products in different

environmental compartments.

Home Page

Promoting Committee

The Committee of Honour

>2018

>2017

>2016

>2015

>2014

>2013

>2012

Who was Giulio Natta

Who was Nicolaus Copernicus

History of the Prizes

Prizes and Awards

> 2018

> 2017



Scanning Electron
Microscopy SEM



Metallographic Optical
Microscopy LEICA



Optical Microscopy
with integrated
camera ZEISS



Wire Bonder
System

Specialized Equipments



Turbo- mix 5 LT
VALTORTA



Mortars and rotating blades
for grinding organic charges



Lyophilizer



Tensiometer
SHIMATZSU



Heaters for biodegradation
test



Zeta potencial analyzer

Specialized Equipments



Brabender Plastograph



Mechanical
press



Spettrofotometer XRF



WAX Diffractometer RX



Specialized Equipments



Contact Angle



Nanosizer Z potencial



Centrifuge



Intenal Mixing Brabender
PLASTOGRAPH



Atomizer

Specialized Equipments



M.O.D.A.-4
for aerobic
biodegradation
(ISO 14855-2)



M.O.D.A.-6
for aerobic
biodegradation
(ISO 14855-2)



Optical Microscopy MC80
with integrated camera,
ZEISS



Co-rotant double screw
Extruder COLLINS



Mono screw extruder flat
head GIMAC



Universal Hood II Bio-rad
for cellular imagin



UV drying unit for surface
treatment ROTARY

Specialized Equipments

In fase di certificazione:





Grazie per l'attenzione!

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LUCA LANDINI, CEO



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