



New polymeric materials for 3D printing and functional polymers

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 www.onyriq.com

WHY ONYRIQ?

We want **R&D** to reach the market, generating **Economic and Social impact**





MINIMUM RISK

We break down our R&D projects in several phases, narrow down risks and define custom contingency and mitigation plans. This way, we increase the ability of adapting quickly: from proof of concept to industrialization phase.



DYNAMIC

We implement an agile and flexible R&D approach, with short phases that adapt to previous results, optimizing cost and efforts. We iterate at every phase: from proof of concept to industrialization and market entry.



DISRUPTIVE

Often, a sector is disrupted by adopting technology common in other sectors. We put our wide transversal experience at the service of your business.

EXPERTISE



3D printing



Health & prosthetic



Aerospace



Food & Agriculture



Chemical Industry



Others

Synthesis and modification of polymers and biopolymers

Nano and micro encapsulation of active compounds

Functional polymeric materials

ONYRIQ & 3D Printing

Additive manufacturing expertise

Synthesis of new polymers and adaptation of existing ones to 3DP specifications

New multifunctional SLS material with different hardness levels in one print (SWITCH3D)

New 3DP Materials with improved interlayer adhesion



ONYRIQ & 3D Printing

Additive manufacturing expertise

Synthesis of new polymers and adaptation of existing ones to 3DP specifications

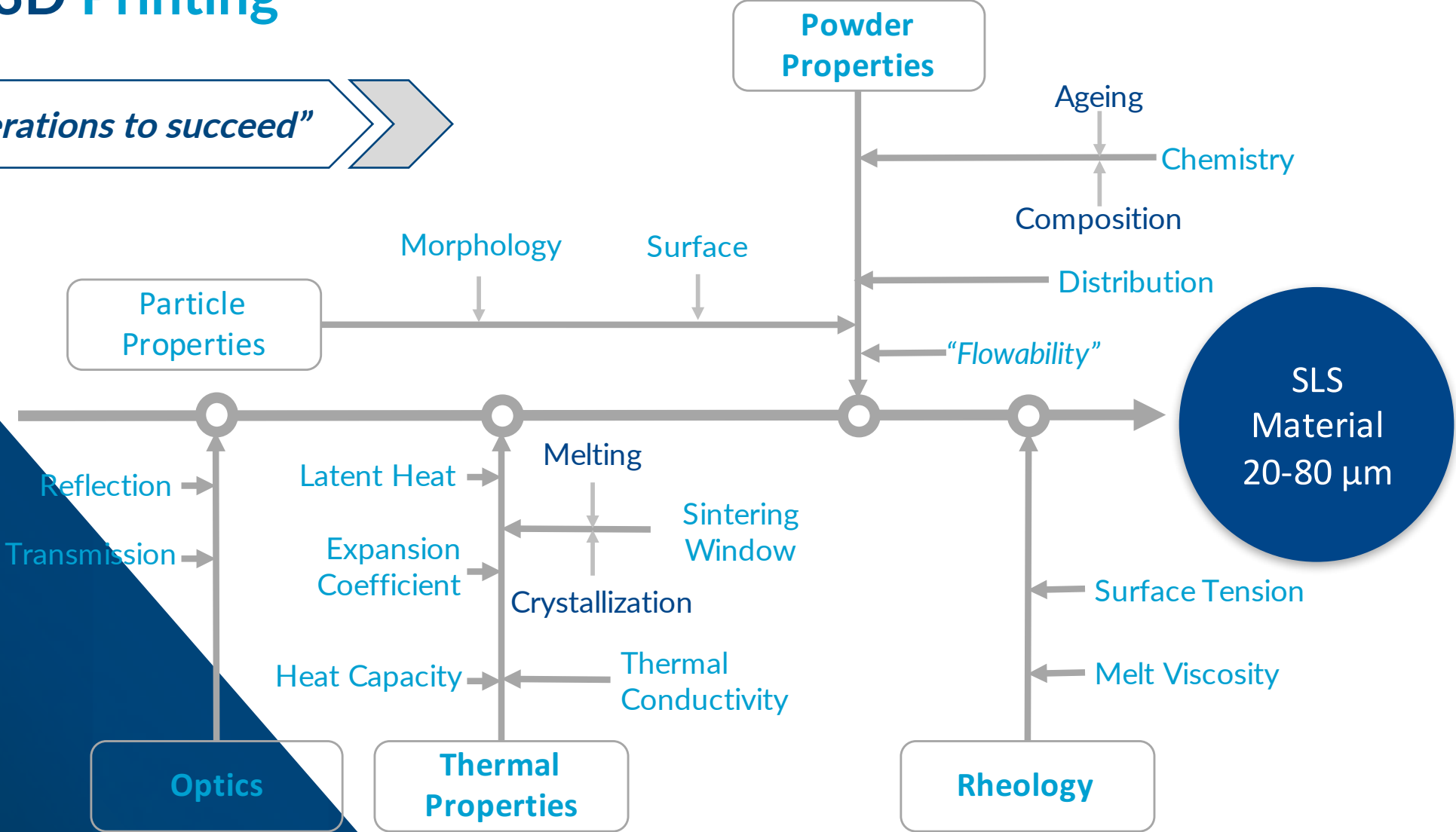
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New 3DP Materials with improved interlayer adhesion



ONYRIQ & 3D Printing

“Considerations to succeed”



ONYRIQ & 3D Printing

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SWITCH3D

48h

Total process

1

Patient visits

x5

Productivity



SCAN



3D PRINT

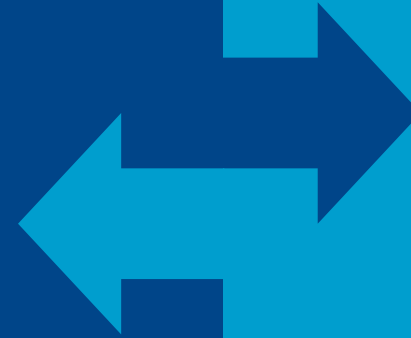


PUT IT ON!

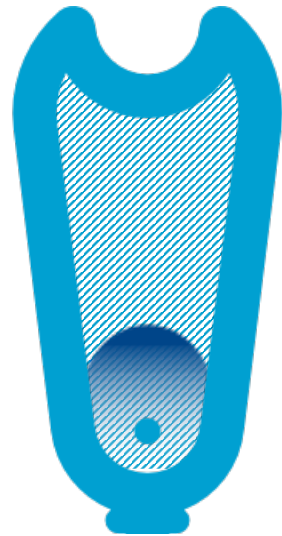


How is this possible?

NEW
FEATURED
POLYMER
MATERIAL



INNOVATIVE
3D PRINTING
ADAPTATION



**MULTIFUNCTIONAL
MATERIAL**

Different hardness levels in one print

ONYRIQ & 3D Printing

Additive manufacturing expertise

Synthesis of new polymers and adaptation of existing ones to 3DP specifications

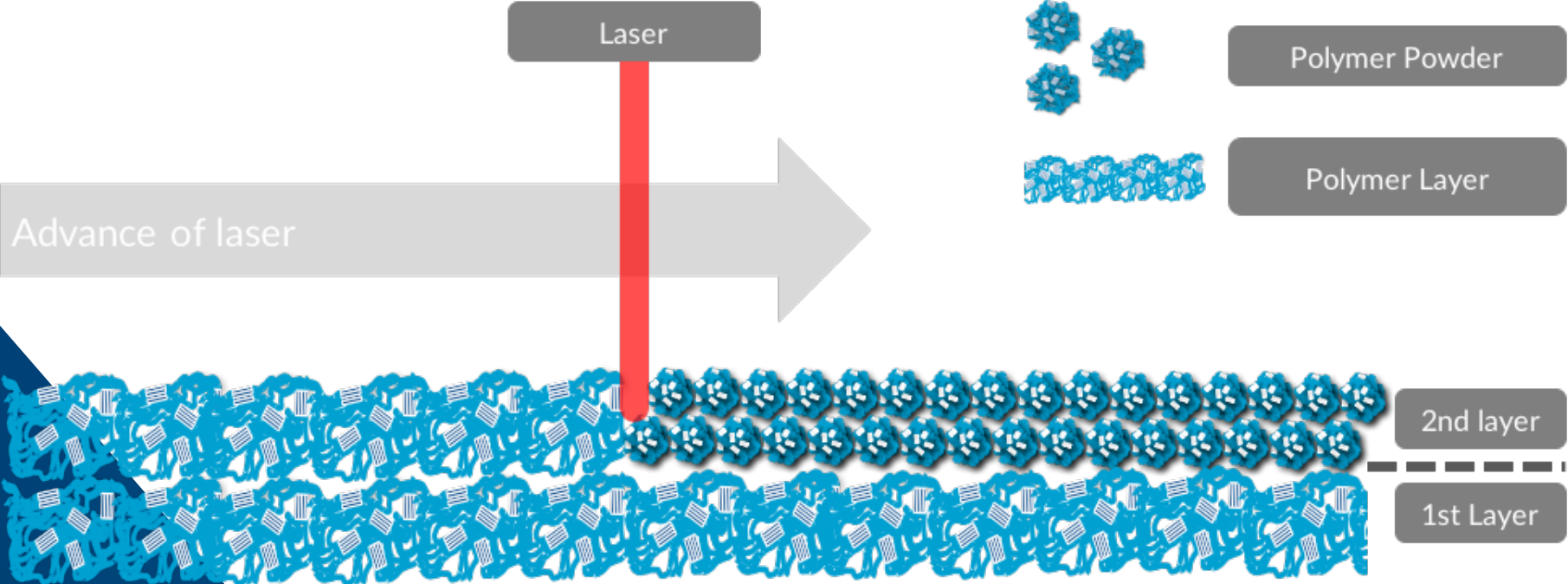
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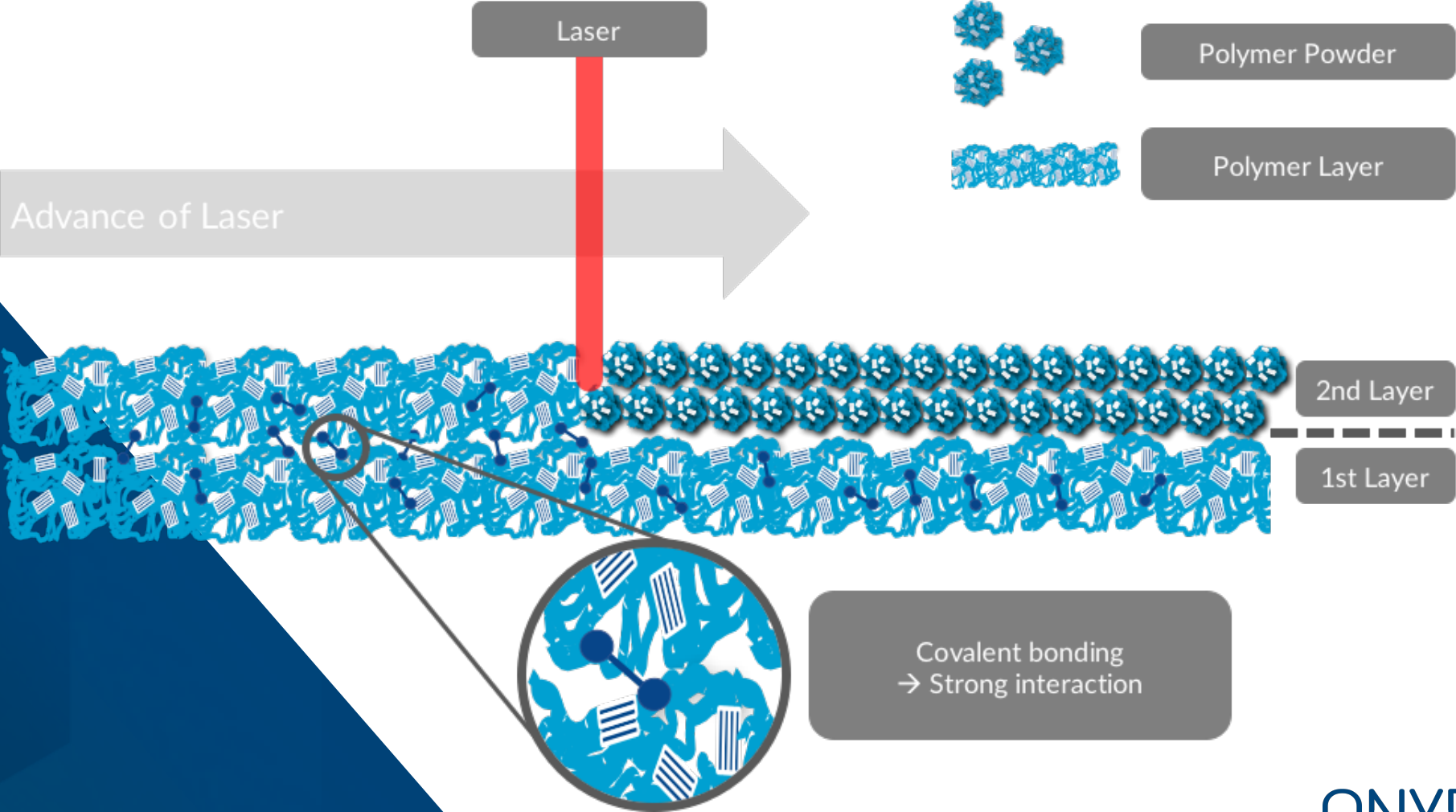
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The SLS Process



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Enhanced layer adhesion



EXPERTISE



3D printing



Health & prosthetic



Aerospace



Food & Agriculture



Chemical Industry



Others

Synthesis and modification of polymers and biopolymers

Nano and micro encapsulation of active compounds

Functional polymeric materials

ONYRIQ & Functional Materials



Extrinsic and Intrinsic Self-healing

Hydro/Oleophobic

Antimicrobial

Conductive polymers (thermal and Electric)

Flame retardant

Dual curing

ONYRIQ & Functional Materials



Extrinsic and Intrinsic Self-healing

Hydro/Oleophobic

Antimicrobial

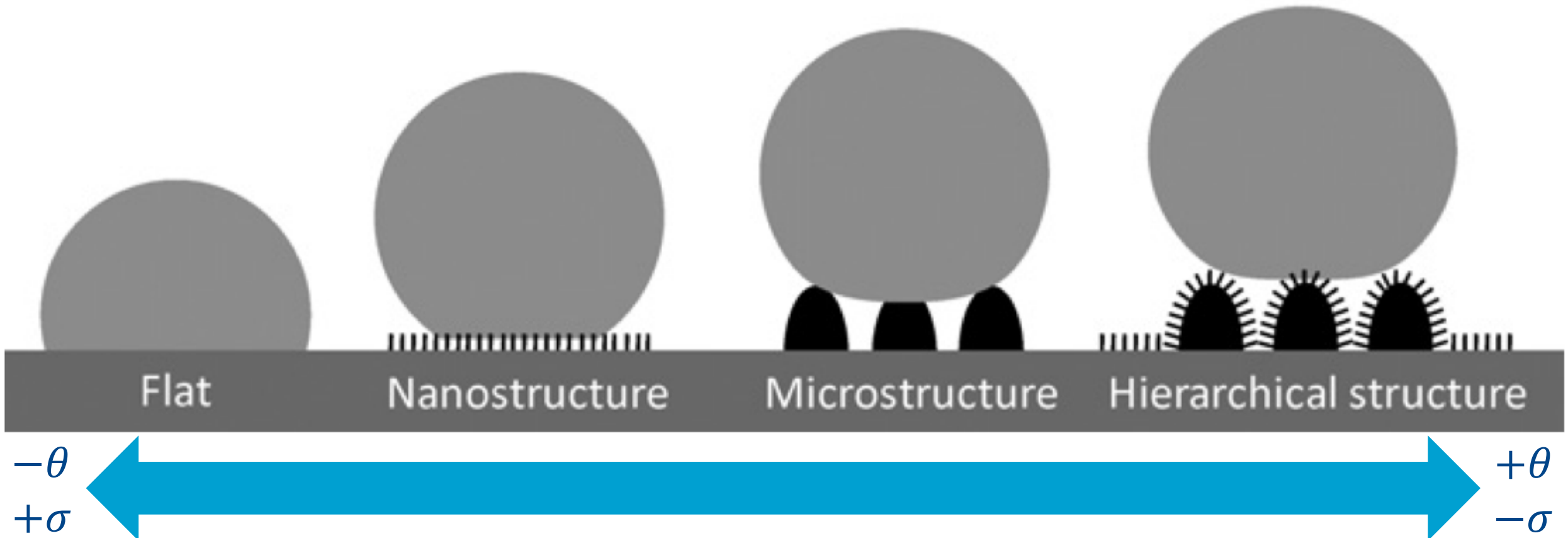
Conductive polymers (thermal and Electric)

Flame retardant

Dual curing

Surface Properties

1. Chemical Structure
2. Surface Morphology



The ONYRIQ Team



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Mikel Galino
COO/CFO



Oriol Gásquez
Advisor



DO YOU WANT TO COLLABORATE WITH US?
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