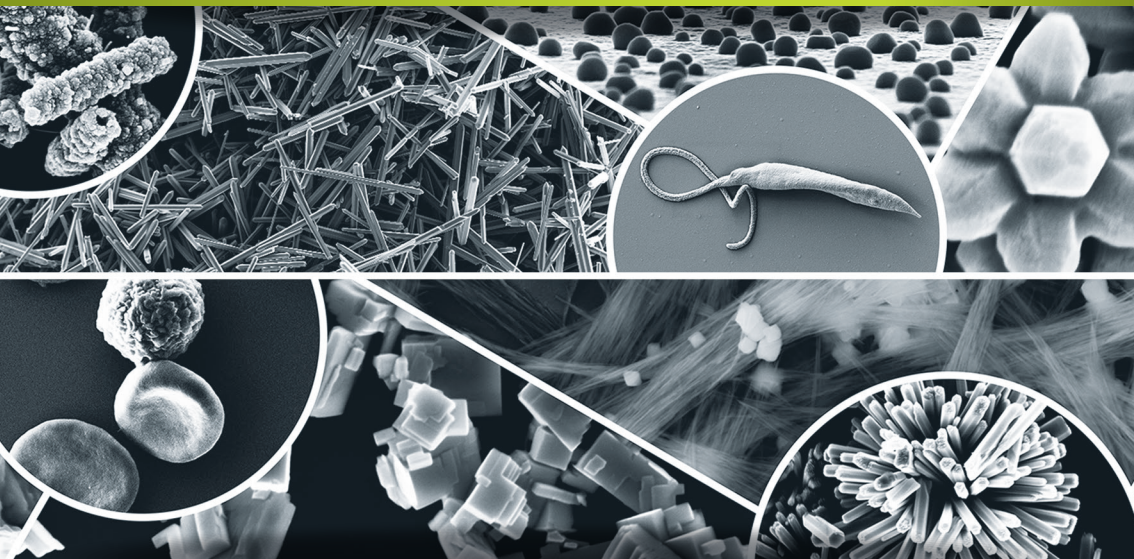


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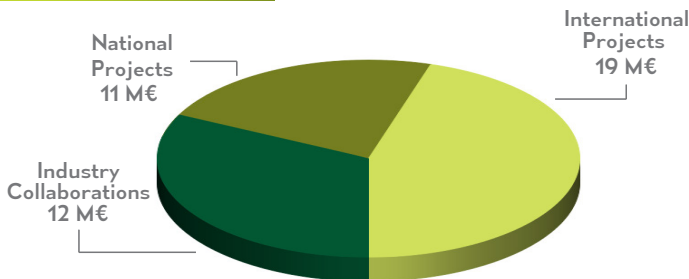
To promote excellence in **nanoscience**, **nanomaterials** and **nano - technologies** for social-economical ends. Disseminate and promote among the general public the importance of nanoscience and the potential of nanotechnologies in benefit of society.

Organisation: 9 research groups. 2015 operating funds: 13 M€

Workforce: 103 integrated members, 78 PhD students

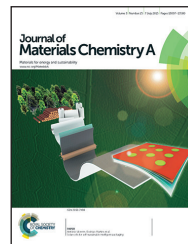
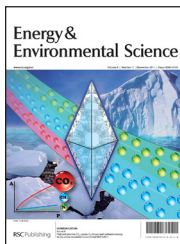
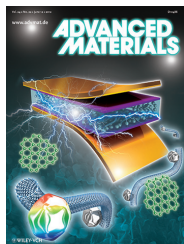
Association: FCT-UNL, UAveiro, UMinho | **Evaluation:** Exceptional

i3N  STRUCTURE		THEMATIC LINES		
RESEARCH GROUPS		TL1 Micro\Nano integration into Demonstrator Systems	TL2 Theoretical and Computational Studies on Materials and Devices/ Systems Behaviour	TL3 Advanced Micro\Nano Materials and Technologies
 <small>FACULDADE DE CIÊNCIAS E TECNOLOGIA UNIVERSIDADE NOVA DE LISBOA</small>	Structural Materials (SM)			●
	Soft and Biofunctional Materials Group (SBMG)			●
	Materials for Electronics, Optoelectronics and Nano technologies (MEON)	●		●
 <small>universidade de aveiro</small>	Theoretical and Computational Physics (TCF)		●	
	Novel Materials and Bio-systems Group (NMBSG)	●		●
	Optics and Optoelectronics (OO)	●	●	●
	Semiconductors Physics (SP)	●	●	●
 <small>Escola de Engenharia Universidade do Minho</small>	Nanomaterials and Novel Polymer Systems (NMNPS)	●		●
	Engineering Design and Technologies with Polymers and Composites (EDTPC)		●	●



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Articles published in journals with high impact factor

Progress in Polymer Science (IF: 26.932)	1
Energy & Environmental Science (IF: 20.523)	1
Advanced Materials (IF: 17.493)	3
Journal of the American Chemical Society (IF: 12.113)	1
Advanced Functional Materials (IF: 11.805)	6
Physical Review Letters (IF: 7.512)	3
Nanoscale (IF: 7.394)	8
Chemical Communications (IF: 6.834)	3
ACS APPLIED MATERIALS & INTERFACES (IF: 6.723)	9
Journal of Materials Chemistry (IF: 6.626)	6
Biosensors & Bioelectronics (IF: 6.409)	7
Macromolecules (IF: 5.800)	4

Selected outreach and tech transfer
38 granted patents 2010|2015

RESEARCH HIGHLIGHT PROJECTS



European Research Council
Established by the European Commission

AdG ERC, Invisible, Grant n. 228144:
Elvira FORTUNATO

Advanced Amorphous Multicomponent
Oxides for Transparent Electronics

CoG ERC, Cap TherPV, Grant n. 647596:
Isabel FERREIRA

Integration of capacitor, thermoelectrics and
photovoltaic thin films for efficient energy
conversion and storage

StG ERC, NewFun, Grant n. 640598:
Luís PEREIRA

New era of printed paper electronics based
on advanced functional cellulose





Coordinator: Elvira Fortunato

Main Scientific Areas: Materials Science and Engineering Nanocience and Nanotechnology

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