

Soft.Matter@PT 2015

Luis Ever Aguirre

Institution: I3N - CENIMAT, and Departamento de Ciência dos Materiais, Faculdade de Ciências e Tecnologia, FCT/UNL.

E-mail: l.aguirre@fct.unl.pt

Web: <http://www.cenimat.fct.unl.pt/people/luis-ever-aguirre>

ResearcherID: J-5243-2013

LinkedIn: pt.linkedin.com/in/luiseveraguirre

ResearchGate: www.researchgate.net/profile/Luis_Aguirre15

Expertise: Interfaces and wetting of simple fluids and liquid crystals

	Colloids	Liquid Crystals	Polymers and Gels	Interfaces, surfactants	Foams, emulsions	Granular materials	Biological	Other (specify)
Experimental		✓	✓					
Computacional								
Theoretical		✓						

Description of expertise:

- Sensing nano/micro structures in cellulosic fibers by liquid crystal droplets.
- Develop of liquid crystal light shutters.
- Mechanical properties of thin films made from liquid crystalline polymers.

Selected Publications (max 5):

- “Regular structures in 5CB liquid crystals under the joint action of ac and dc voltages”, *Physical Review E* 85, 041703 (2012).
- “On The Acoustic -Director Interaction in the Smectic A Phase”. *Chemical Physics Letters* 450, 170 (2007).