

## **Guilhem P. Baeza (MdC)**

**PhD Student: Matthias Nebouy**

Mail address: Guilhem.baeza@insa-lyon.fr

Phone number: +33(0)47243725

Office address:

Polymer group (PVMH) - Lab. MATEIS INSA  
Lyon - Blaise Pascal bldg. F-69621 Villeurbanne



## **Research activities / interests**

### **Keywords :**

Polymer physics, Nanocomposites, Block-Copolymers, SAXS, Rheology, Dielectrics

### **Ongoing projects :**

Thermoplastic elastomers, Silica-SBR/P2VP nanocomposites, PVDF polyelectrolytes

Thesis: *Simplified Industrial Nanocomposites: Structural analysis and mechanical properties*  
Supervised by Julian Oberdisse (DR2-University of Montpellier)

### **Institutions as staff member**

- University of Leeds – School of Physics and Astronomy (**UK**)
- Foundation for Research and Technology Hellas (FORTH) – Institute of Electronic Structure and Laser (**GR**)

### **Institutions as student**

- University of Montpellier 2 – Charles Coulomb Lab. & Michelin (PhD)(**FR**)
- Politecnico di Torino (M.Sc.)(**IT**)

## **Teaching activities**

### **Dpt. Science et Génie des Matériaux (SGM) at INSA-Lyon (ca. 200 hours/year)**

- (perfect) Solid Physics (**SGM3-tutorials**)
- (real) Solid Physics (**SGM3-tutorials**)
- Materials sciences (**SGM3-practicals**)
- Polymers (**SGM3-practicals**)
- Materials mechanics (**SGM4-tutorials**)
- Physico-Chemistry / Metallurgy (**SGM4-practicals**)
- Nanostructured and Functional Polymers (**SGM5-course**)
- PFE on heterogeneous polymer based materials (**SGM5-project**)

## **Administrative responsibilities**

- *Organizer of the MATEIS Polymer group seminars*