

# Ciro Autiero

## Academic Resume



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### International Reviewed Papers

- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, G. Galli, S. Menghetti, **Linear Viscoelastic Behavior of a Azobenzene Nematic Block Copolymer**. *Molecular Crystals and Liquid Crystals* 2011, vol. 549, pp. 1-7. (I.F. 0.451)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, G. Galli, **Unentangled Rheological Behavior of a Nematic Azobenzene Polymethacrylate**. *Molecular Crystals and Liquid Crystals* 2009, vol. 500, pp. 63-73. (I.F. 0.451)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Dynamics, fragility, and glass transition of low-molecular-weight linear homopolymers**. *Philosophical Magazine* 2008, vol. 88, pp. 4151-4159. (I.F. 1.273)
- L. Andreozzi, C. Autiero, M. Faetti, G. Galli, M. Giordano, F. Zulli, **Enthalpy Relaxation of Polymers: On The Possible Role of Liquid-Crystalline Order**. *Macromolecular Rapid Communications* 2008, vol. 29, pp. 928-933. (I.F. 4.263)
- L. Andreozzi, C. Autiero, M. Faetti, G. Galli, M. Giordano, F. Zulli, **Thermorheological Simplicity and Fragility of Azobenzene Nematogenic Side-Chain Polymers**. *Macromolecular Symposia* 2008, vol. 263, pp. 78-85.
- L. Andreozzi, C. Autiero, M. Faetti, F. Zulli, **Structural relaxation of an unentangled polymer in terms of a simple phenomenological approach**. *Journal of Chemical Physics* 2007, vol. 127, p. 084909. (I.F. 3.093)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, Istvan Szanka, Giancarlo Galli, **On the Dynamics of the Cholestane Spin Probe in a Nematic Azobenzene Side Group Oligomer**. *Molecular Crystals and Liquid Crystals* 2007, vol. 465, pp. 25-35. (I.F. 0.451)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Probing the cooperative dynamics varying the side-chain length of poly(alkyl acrylate)s: ESR experiments**. *Philosophical Magazine* 2007, vol. 87, pp. 799-810. (I.F. 0.451)
- G. Galli, I. Szanka, L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Nanoscale Heterogeneities in Nematic Azobenzene Polymethacrylates for Optical Nanowriting**. *Macromolecular Symposia* 2006, vol. 245-246, pp. 463-469.
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Probing the cooperative and local modes of a poly(methyl acrylate) sample via ESR spectroscopy**. *Journal of Non-Crystalline Solids* 2006, vol. 352, pp. 5050-5054. (I.F. 1.252)
- L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, **Dynamic crossovers and activated regimes in a narrow distribution poly(n-butyl acrylate): an ESR study**. *Journal of Physics: Condensed Matter* 2006, vol. 18, pp. 6481-6492. (I.F. 2.083)

L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, G. Galli. **Heterogeneities in the Dynamics of a Molecular Tracer in Mesogenic and Nonmesogenic Azobenzene Copolymers.** *Molecular Crystals and Liquid Crystals* 2006, vol. 450, pp 163[363]-171[371]. (*I.F.* 0.451)

L. Andreozzi, C. Autiero, F. Zulli, M. Giordano. **Design, Construction and Testing of a Microwave Cavity for Linear and Non-Linear ESR Spectroscopy at 4.5 GHz Operating in TE102 mode.** *Journal of Microwaves and Optoelectronics* 2005, vol. 4, Iss. 1, pp 55-60.

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## Conferences

XIX Italian Meeting on Macromolecules Science and Technology (AIM Conference 2009), Milano, Italy, 13-17 September, 2009. ITLANGPartecipa con il poster: ENLANGPartecipating with the poster: L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli, S. Agostini, G. Galli, S. Menghetti, **Rheological Response of a Block Copolymer of an Azobenzene Methacrylate and Methyl Methacrylate.**

4th International Conference NANOFUN-POLY, Roma, Italy, 16 - 18 April, 2008. ITLANGPartecipa con il poster: ENLANGPartecipating with the poster: L. Andreozzi, C. Autiero, M. Faetti, G. Galli, M. Giordano and F. Zulli, **Heterogeneities and cooperativity in the dynamics of cholestane spin probe dissolved in azobenzene copolymers for nanowriting.**

4th International Conference NANOFUN-POLY, Roma, Italy, 16 - 18 April, 2008. ITLANGPartecipa con il poster: ENLANGPartecipating with the poster: L. Andreozzi, C. Autiero, M. Faetti, G. Galli, M. Giordano and F. Zulli, **The Occurrence of Entanglement in Nanostructured Side-Chain Liquid Crystal Random Copolymers.**

11th International Workshop on Disordered Systems, Andalo (Tn), Italy, 17 - 20 March, 2008. ITLANGPartecipa con il poster: ENLANGPartecipating with the poster: L. Andreozzi, C. Autiero, M. Faetti, M. Giordano and F. Zulli, **A Rheological Study in Narrow-Distributed PEA Melts through the Onset of Entanglement.**

AIM 2007 - XVIII Convegno Italiano di Scienza e Tecnologia delle Macromolecole, Catania, Italy, 16-20 September, 2007. ITLANGPartecipa con il poster: ENLANGPartecipating with the poster: F. Cicogna, F. Ciardelli, M. Giordano, C. Autiero, **Assessment of the Thermal Behaviour of New HALS-NOR Compounds in Polyolefin Blends.**

Eupoc 2007 Europolymer Conference, Gavorgnano, Italy, 27 May - 1 June, 2007. ITLANGPartecipa con il talk: ENLANGPartecipating with the talk: L. Andreozzi, C. Autiero, M. Faetti, M. Giordano, F. Zulli (*speaker*), G. Galli, **Rheological Characterisation of Nematogenic Azobenzene Copolymers.**

7th National Meeting of the Italian Liquid Crystal Society (SICL), Castiglioncello (LI), Italy, 7 - 9 June, 2006. ITLANGPartecipa con il talk: ENLANGPartecipating with the talk: L. Andreozzi, C. Autiero, M. Giordano, M. Faetti, F. Zulli (*speaker*), I. Szanka, G. Galli, **Inhomogeneity and thermal stability of side group azobenzene polymers for optical nano-writing.**

10th International Workshop on Disordered Systems, Molveno (Tn), Italy, 18 - 21 March, 2006. ITRLANGPartecipa con il poster: ENLANGPartecipating with the poster: L. Androozzi, C. Autiero, M. Faetti, M. Giordano e F. Zulli, **Dynamic regimes and crossovers in nearly monodisperse polyacrylates: influence of the polymeric side groups on the dynamics of a molecular probe as detected by ESR experiments.**

5th International Discussion Meeting on Relaxations in Complex Systems, Lille, France, 7 - 13 July, 2005. ITRLANGPartecipa con il poster: ENLANGPartecipating with the poster: L. Androozzi, C. Autiero, M. Faetti, M. Giordano e F. Zulli, **Effects of side-chain length on rotational dynamics of cholestane spin probe in nearly monodisperse poly(alkyl acrylates) (PMA, PEA and PnBA).**

8th European Conference on Liquid Crystals, Sesto (BZ), Italy, 27 February - 4 March, 2005. ITRLANGPartecipa con il poster: ENLANGPartecipating with the poster: L. Androozzi, C. Autiero, M. Faetti, G. Galli, M. Giordano, F. Zulli, **Heterogeneities in the Dynamics of a Molecular Tracer in Nematic Azobenzene Polymers.**

8th European Conference on Liquid Crystals, Sesto (BZ), Italy, 27 February - 4 March, 2005. ITRLANGPartecipa con il poster: ENLANGPartecipating with the poster: L. Androozzi, C. Autiero, M. Faetti, G. Galli, M. Giordano, S. Samaritani, F. Zulli, **Linear Viscoelastic response of azobenzene polydisperse copolymers.**

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## Conferences Organization

4th Workshop on Non-Equilibrium Phenomena, Pisa, Italy, 17-22 September, 2006. Member of the Organizing Committee.

3rd Italian-Japanese Workshop on Liquid Crystals, Castiglioncello (LI), Italy, 4-7 June, 2006. Member of the Organizing Committee.

7 Congresso Nazionale della Società Italiana Cristalli Liquidi, Castiglioncello (LI), Italy, 7-9 June, 2006. Member of the Organizing Committee.

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## Memberships

Since 2006 Società Italiana di Cristalli Liquidi (SICL). Tutor: Prof. Carlo Alberto Veracini.

Since 2005 Laboratorio per le Applicazioni Industriali dei Polimeri PolyLab (INFN-CNR - Section C: Liquids and Disordered Systems). Tutor: Prof. Marco Giordano.

Since 2002 Istituto Nazionale di Fisica della Materia (INFN - Section C: Liquids and Disordered Systems). Tutor: Prof. Marco Giordano.

Pisa, 04 September 2017

With respect to the Dlg 196/03, I authorize the processing of my personal data.