

**International School of Liquid Crystals  
8<sup>th</sup> Workshop**

**Italian Liquid Crystal Society : 5<sup>th</sup> National Meeting**

**Erice, Centro E. Majorana July 10 - 14, 2002**

**Directors of the Workshop: F. Simoni, P. Pasini, C. Zannoni**

**July 11**

**Afternoon: Arrival**

**21.15:** Welcome Reception at the Marsala Lecture Hall (S. Rocco)

**July 12**

**9.00 – 9.15**

**Welcome**

**9.15 – 9.45**

**S. Žumer**

Pseudo Casimir effect in chiral smectic and nematic phases

**9.45 – 10.05**

**S. Soria**

Laser Ablated Nanostructures for Effective Liquid Crystals  
Alignment

**10.05 – 10.25**

**G. Russo**

Optical control of molecular dynamics in nematic liquid  
crystals

**10.25 – 10.45**

**G. Strangi**

Unipolar "V-shaped" Response in Sm-C\* Liquid Crystals  
Bounded By Electrochromic Film

**10.45 – 12.00**

**Coffee break and posters**

**12.00 – 12.30**

**G. Abbate**

Photonic devices using liquid crystals

**12.30 – 13.00**

**B. Piccirillo**

**Conferimento Premio SICL per tesi di Dottorato:**  
"Orbital and spin photon angular momentum in  
Liquid Crystals and Applications"

**Lunch Break**

15.30 – 16.00	<b>S. Slussarenko</b>	Non-local photorefractive effect in pure nematics
16.00 – 16.20	<b>D. Frezzato</b>	Estimation of viscoelastic parameters of liquid crystals and membrane vesicles by means of transverse nuclear spin relaxation
16.20 – 16.40	<b>M. Pretti</b>	Polymer Solution Models with Anisotropic Phases.
16.40 – 18.00		<b>Coffee break and posters</b>
18.00 – 18.30	<b>R. Barberi</b>	Nematic textural transitions with topology variation
18.30 – 18.50	<b>R. Rosso</b>	Stati biassici in celle nematiche: validita` del vincolo di Lyuksyutov.

### July 13

9.00 – 9.30	<b>L. Andreozzi</b>	Relaxation processes and optical writing on LC azobenzene polymers
9.30 – 9.50	<b>S. Residori</b>	Enhancement of light induced reorientation in dye doped liquid crystals
9.50 – 10.10	<b>P. Puglisi</b>	Photorefractive-Like Gratings and Charge Transport Analysis in Pure Nematic Liquid Crystal Cells due to Photoelectric Activation of the Polymer-Liquid Crystal Interface
10.10 – 11.00		<b>Coffee break and posters</b>
11.00 – 13.00		<b>Assemblea</b>

### Lunch Break

15.30 – 16.00	<b>C. Oldano</b>	Open problems in the optics of crystals.
16.00 – 16.30	<b>D. Pucci</b>	Liquid – Crystalline mesophases based on coordination compounds.
16.30 – 16.50	<b>R. Asquini</b>	Optical characterisation at wavelength of 1549 nm of switchable POLICRYPS diffraction gratings.
16.50 – 18.00		<b>Coffee break and posters</b>
18.00 – 18.30	<b>A. Arcioni</b>	ESR studies of order and dynamics in a nematic liquid crystal containing a dispersed aerosil.
18.30 – 19.00	<b>L. Cristofolini</b>	Studies of photoinduced changes in liquid crystalline polymers.

**July 14: Departure**