

# FRANCESCO CIARDELLI

## I. BIOGRAPHICAL

*Born:* Pisa, Italy on 5 November, 1937.

*Family:* Gabriella, wife; Gianluca, son, born 7 July, 1969. Two grandchildren Matteo (10), Paolo (4).

## II. EDUCATIONAL DATA

*High School:* Pisa, July 1955; **University of Pisa**, Pisa, **Dr. Degree** in Industrial Chemistry - November 1960 cum Laude - Ministry of Education, Rome, *Libera Docenza* in "Macromolecular Chemistry", February 1968.

## III. PROFESSIONAL CARRIER

*Research Associate*, University of Pisa 1960-1965, University College, London 1965;

*Postdoctoral Fellow*, Max Planck Institute, Mülheim/Ruhr (FRG) 1966-67;

*Assistant Professor*, University of Pisa, 1968-1975;

*Visiting Professor*, University of California, Berkeley (USA) 1973 and 1985; Kyoto University (JAPAN) 1983; Polytechnic Zurich (ETH) 1986, University Pierre et Marie Curie Paris (France) 1999.

*Professor of Polymer Chemistry*, University of Pisa, 1975 to present.

## IV. TEACHING EXPERIENCE

1. *Macromolecular Chemistry* from 1973 to now

2. *Industrial Organic Chemistry* 1973-1982 and from 2005

3. *Stereochemistry and Organic Chemistry* 1961-1973.

4. *Fine Chemicals and Organic Materials* from 1983 to 1990

5. *Chemistry of Materials at Scuola Normale Superiore (Pisa)* from 1993 to now

## V. PROFESSIONAL ACTIVITY

Director of the Istituto di Chimica Organica Industriale 1974-1984.

Director of the Dipartimento di Chimica e Chimica Industriale, Università di Pisa, since 1996

Member of the Scientific Board of three CNR Centers on:

1. Physics of Macromolecules - Bologna (since 1976);

2. Physical Chemistry of Synthetic and Natural Polymers - Genova (since 1976);

3. Stereoordered Macromolecules - Pisa (Italy) (since 1974)

- Member of the Scientific Board of the CNRS Laboratory on Catalysis + Organic Materials, Lyon (France) (1986-1989)

- Chairman of the Italian Macromolecular Association (AIM) (1983-85)

Chairman of the Industrial Chemistry Division of the Italian Chemical Society (SCI)(1999-2000)

- Director of three NATO-ASI on :  
"Optically Activity", 1971;  
"Stereoregular Polymers", 1978  
and "Macromolecules Modification and Blending" 2003
- General Secretary IUPAC-MACROMOLECULAR Symposium, 1980
- Full Member of IUPAC-MACROMOLECULAR Division
- Invited Speaker to: three Gordon Research Conferences, 25 IUPAC Symposia, and more than 70 international Meetings
- Member of the Scientific Committee of C.N.R. "Target Oriented Project on Fine Chemicals" 1989

#### VI. MEMBERSHIP OF JOURNALS ADVISORY BOARDS

*Polymer International*, since 1983  
*J. Polymer Science*, 1983-1989  
*New Polymeric Materials*, 1989-1998  
*Polymer*, since 1989  
*Polymers for Advanced Technologies*, since 1990.  
*J. Molecular Catalysis*, 1995-2000  
*Macromolecular Chemistry*, 1996-2002  
*Polymer Bulletin* ,since 2004

#### VII. RESEARCH INTERESTS

- a. **Transition Metal Catalysts for Olefin Polymerization**
- b. **Clean Industrial Processes**
- c. **Polymer Functionalization ,Reactive Blending and Composites**
- d. **Photoresponsive and Electroconducting Polymeric Materials**
- e. **Polymers for Coatings and Preservation of the Cultural Heritage**

#### VIII PUBLICATIONS

Papers : more than 350 in International Journals  
 Books :6 in English and 2 in Italian  
 Patents : 14

