

FRANCESCO CIARDELLI

I. BIOGRAPHICAL

Born: Pisa, Italy on 5 November, 1937.

Family: Gabriella, wife; Gianluca, son, born 7 July, 1969. Daughter in Law Simona Bronco; Two grandchildren Matteo (11), Paolo (5).

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 -2010

2. *Industrial Organic Chemistry* 1973-1982 and 2005-2010

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 2010

6. *Biopolimeri e Bioindustria*. 2003-2010.

7. *Industria Chimica ed Ambiente* 2005-2010

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, 1996-2000

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)
Chairman of The SCI-Section Toscana: 2007-2010
Director of three NATO-ASI on :
 "Optically Activity", 1971;
 "Stereoregular Polymers", 1978
 "Macromolecules Modification and Blending" 2003
General Secretary IUPAC-MACROMOLECULAR Symposium, 1980
Full Member of IUPAC-MACROMOLECULAR Division 1986-90
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, 1989-2010
Polymers for Advanced Technologies, since 1990.
J. Molecular Catalysis, 1995-2000
Macromolecular Chemistry, 1996-2002
Polymer Bulletin , since 2004
e-Polymers (EDITOR) since 2007

VII. RESEARCH INTERESTS

- a. **Transition Metal Catalysts for Olefin Polymerization**
- b. **Clean Industrial Processes**
- c. **Polymer Functionalization, Reactive Blending and NanoComposites**
- d. **Photoresponsive and Electroconducting Polymeric Materials**
- e. **Polymers for Coatings and Preservation of the Cultural Heritage**
- f. **Transition Metals Macromolecular Systems (MMC)**

VIII PUBLICATIONS

Papers : more than 360 in International Journals
Books :6 in English and 2 in Italian
Patents : 16