

PERSONAL INFORMATION

**Carlo Pirola**

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 <http://sites.unimi.it/gici/>

POSITION

**College / university teaching professional**

WORK EXPERIENCE

01/06/2001–30/09/2011

**Technical**

Università degli Studi di Milano, Milano (Italy)

01/10/2011–30/09/2016

**College / university teaching professional**

Università degli Studi di Milano, Milano (Italy)

- Assistant Professor in the scientific sector ING-IND/25 (Chemical Plants)

01/10/2016–Present

**College / university teaching professional**

Università degli Studi di Milano, Milano (Italy)

- Associate Professor in the scientific sector ING-IND/25 (Chemical Plants)

EDUCATION AND TRAINING

31/07/1993

**Scientific high school diploma**

Liceo Scientifico Statale Banfi, Vimercate (Italy)

20/03/2000

**Master Degree in Industrial Chemistry**

Università degli Studi di Milano, Milano (Italy)

19/11/2008

**PhD in Industrial Chemistry**

Università degli Studi di Milano, Milano (Italy)

PERSONAL SKILLS

Mother tongue(s)

Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	C1	C1	C1
French	A2	B1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills

- Excellent communication skills acquired in university teaching, in Italian and English, and in the presentation of oral contributions in numerous international scientific conferences

**Organisational / managerial skills** - Responsible for a research group within the Department of Chemistry of the University of Milan, composed of about 15 people

**Job-related skills**

- Research topics: Industrial separations (distillations, absorption, liquid-liquid extraction), chemical Reactors, heterogeneous catalysis, air and water purification processes through photocatalysis, simulation and optimization of chemical plants
- Author of about 130 scientific papers in international journals
- Author of about 200 contributions to national and international scientific congresses

**Digital skills**

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid