



Giacomo Cerisola

Full professor

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Education and training

1975

Degree in Chemical Engineering

University of Genoa - Genoa - IT

Academic experience

1981 - 1985

Contract professor

University of Genoa - Genoa - IT

1986 - 1988

Researcher

University of Genoa - Genoa

1988 - 2000

Professor

University of Genoa - Genoa

2000 - ONGOING

Full Professor

University of Genoa - Genoa

Work experience

1978 - 1979

Researcher in chemical laboratory

Sulzer - Winterthur - CH - CH

1979 - 1985

Research consultant

Istituto Ricerca Scientifica e Tecnologica (IRST) - Trento - IT

Language skills

English

Independent

French

Basic

Research interests

From 1988 to today Prof. G. Cerisola, as Scientific Responsible of the Laboratory of Electrochemistry, Corrosion and Protection of Metallic Materials of the Institute of Chemistry of the Faculty of Engineering (currently DICCA) has organized a research group that has carried out its activity in the field of chemistry and reliability of materials, electrochemistry, corrosion and protection of metallic materials with fundamental and applied analysis of issues related to:

study of the electrochemical, corrosion and metallurgical behavior of ferrous and non-ferrous alloys

characterization of polymeric coatings for the protection of metallic and non-metallic surfaces

study of the electrode / solution interphase: characterization of the electrocatalytic properties of electrode materials made of metals and metal oxides

study of the structural and surface properties of electrode materials and their application for pilot plants for environmental protection, definition of operating parameters for electrochemical cells for industrial use.

Study and characterization of electrode materials for Fuel Cell