

# CURRICULUM VITAE

EUROPEAN FORMAT

## PERSONAL INFORMATION

Name, Surname

**Carmen GALASSI**

## WORK EXPERIENCE

Dates (from – to)

2019- Research fellow at Politecnico di Milano (Milan- Italy), Department of Mechanical Engineering (DMEC)

2019- Senior Research Associate at National Research Council of Italy (CNR) Institute of Science and Technology for Ceramics (ISTEC)

2010-2019 Research Director (I level CNR. Scientific Area ING-IND/22: Materials Science and Technology) at CNR-ISTEC Faenza

The main activity is related to research projects coordination and dissemination, with specific reference to ceramic materials development, processing and characterization.

H index 35 (Google Scholar), 30 (SCOPUS), 30 (WoS).

2018- Qualification for the functions of Full Professor of Materials Science and Technology in Italian Universities (ASN 09/D1 - SCIENZA E TECNOLOGIA DEI MATERIALI, I fascia). (valid from 05.11.2018 to 05.11.2024)

2016-2019 Head of the Research Project ISTEC «Smart multifunctional ceramic materials : piezoelectrics, ferroelectrics, antiferroelectrics, multiferroics.

Currently, Member of the REPRISE, Register of Expert Peer-Reviewers for Italian Scientific Evaluation (MIUR-Italian Ministry of Education, University and Research) for the Sectors ERC / SSD: PE5\_1 - PE5\_6 - PE8\_8 - PE3\_1 - PE5\_2 / ING-IND/22 - CHIM/03 (<https://reprise.cineca.it/>), since 2012/02/02.

2019- Honorary Member of the Advisory Board of the Piezo Institute (<https://piezoinsitute.univ-tours.fr/index>)

2019- Member of the Steering Committee of the Technical-Scientific Thematic Group: Innovative manufacturing processes (GTTS5) of the Italian Technology Cluster Intelligent Factories – CFI (<https://www.fabbricaintelligente.it/english/lista-gtts/gtts5/>).

2018- Section editor for ELSEVIER: Encyclopedia of Materials: Technical Ceramics and Glasses (new edition, *work in progress*), section Electroceramics.

2017-2018 Scientific coordinator of the ISTEC Research Unit ISTEC in the Project E-Cabin, funded by FINCANTIERI; the ISTEC unit developed a energy harvesting device in collaboration with CNR-INSEAN.

2016-2017 Associated Editor of the Journal Ceramics International (ELSEVIER).

2016 Appointed (by The National Agency for the Evaluation of the University and Research Systems (ANVUR)) Member of the Group of Experts for the Evaluation for the disciplinary research Area Industrial engineering and information technology (GEV9) for the years 2011-2014.

2015 Evaluator of a project within the Italian MISE Call for funding Sustainable growth (DM 15 /10/ 2014, Sustainable industry, and D.M. of 30.04.2015), on behalf of CNR.

2014- Evaluator for the Slovenian Research Agency for applications for co-financing of projects for 2014, 2015, 2016, 2018, 2019.

2014-2018 Member of the Steering Committee of the Technical-Scientific Thematic Group: Systems for the enhancement of people in factories (GTTS3) of the Italian Technology Cluster Intelligent Factories – CFI.

2014 Evaluator of two projects within the Italian MISE Call for funding Sustainable growth (DM 20.06.2013 and D.D. 07/25/2014) on behalf of CNR.

2012-2016 Scientific coordinator of the ISTEK Research Unit within the Flagship project RITMARE : Subproject 1: Tecnologie marittime per lo sviluppo e la realizzazione di un dimostratore navale, WP1:

Sicurezza A1. 3 – Monitoraggio a bordo dello stato delle strutture e del loro livello di degrado SP1, – WP1 – A1.3 – UO10 – Piezoelectric materials and structure monitoring.

2012-2014 Proposer and scientific coordinator of the project ANTENNA «Compositi piezo-magnetici ingegnerizzati per antenne miniaturizzate indossabili » funded by the dal Military National research Plan (PNR-M) 2012-2014.

#### **2001-2009 Senior Researcher (CNR-ISTEK)**

2005- Head of the Research Project ISTEK “Processes and Materials for Electromechanic Applications”

2006- 2009 Scientific coordinator of the ISTEK Research Unit in the Collective Research Project ADOPTIC (Additive Optimization for improved ceramics) (EU FP VI)

2008 Expert VII FP: Member of Expert Evaluators Panel for FP7-NMP-2008-SMALL-2

#### **1984-2001 Researcher**

1996 - 2004 Project Coordinator ISTEK "Materials and piezoelectric ceramic components for specific applications"

1995-97 Coordinator of a network of 11 laboratories in the program Human Capital and Mobility - CHRX contract CT 94-0574.: "Application of fundamental principles of colloid and interface science and rheology to ceramic forming processes".

1988-99 Coordination of Project ISTEK "Colloidal and Rheological Properties of Dispersed Ceramic"

During the whole research career Carmen Galassi has tutored 14 theses (« vecchio ordinamento »), 6 theses (Triennali) and 5 PhD theses.

Name and address of employer

Sep 2019- Politecnico di Milano Department of Mechanical Engineering  
*Campus Bovisa Sud – via La Masa 1, 20156 Milano (ITALY)*  
(www.mecc.polimi.it/)

Apr 1984- Aug 2019 National Research Council of Italy (CNR)  
Institute of Science and Technology for Ceramics (ISTEK)  
*Via Granarolo, 64, I-48018 Faenza (RA)) ITALY* (www.istec.cnr.it)

Type of business or sector Public Research body: fundamental and applied research.

Occupation or position held Research fellow at POLIMI and research associate at CNR-ISTEC  
Main activities and responsibilities Planning and Coordination of Research Activity, dissemination and exploitation, editing of scientific texts, project's evaluation.

### EDUCATION AND TRAINING

Name and type of organisation providing education and training 1976 -1981  
Faculty of Industrial Chemistry Bologna University  
V.le Del Risorgimento 4, Bologna  
Website: <http://www.fci.unibo.it/Chimica+Industriale/default.htm>


Title of qualification awarded **Laurea** (5- year course, equivalent to Master Degree) in **Industrial Chemistry** taken "summa cum laude" University of Bologna (ITALY).

Publications Out of 264 papers co-authored, 184 are published in international, refereed journals (full list on <https://orcid.org/0000-0002-7892-2836> ).

Presentations 70 lectures, among which 20 invited talks.

Memberships She is member of the "Ordine Interprovinciale dei Chimici e dei Fisici dell'Emilia-Romagna – Settore Chimica – Sezione A (membership n. A 1990)

Citations The papers co-authored received more than 3000 citations (Scopus).

 October 24, 2020

