

PERSONAL INFORMATION

Family name, First name: EVANGELISTI, CLAUDIO

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Date of birth: 08 June 1975

Nationality: Italian

URL for web site:

<http://www.iccom.cnr.it/index.php/it/istituto/personale2?view=member&task=show&id=252>

• EDUCATION

- 2005 PhD in Chemical Science
Department of Chemistry and Industrial Chemistry, University of Pisa and Excellence
School “Galileo Galilei”, Pisa, Italy.
- 2001 Master in Chemistry (110/110 magna cum laude)
Department of Chemistry and Industrial Chemistry, University of Pisa, Pisa, Italy.

• CURRENT POSITION

- 2019 – 2021 Researcher
Institute for the Chemistry of OrganoMetallic Compounds (ICCOM), branch of Pisa, Italian
National Council for Research (CNR), Pisa, Italy.

• PREVIOUS POSITIONS

- 2011 – 2019 Researcher
Institute of Molecular Sciences and Technologies (ISTM), Italian National Council for
Research (CNR), Milan, Italy.
- 2007 – 2015 Co-founder of the company “Advanced Catalysts Srl”, spin-off company of the
University of Pisa, Livorno, Italy.

• FELLOWSHIPS

- 2011 – 2011 Postdoc at Institute for Chemical and Physical Processes, Italian National Council for
Research (CNR), Milan, Italy (10 months)
- 2010 – 2010 Bourse-holder at Department of Chemistry and Industrial Chemistry, University of Pisa,
Pisa, Italy, (8 months)
- 2006 – 2010 Postdoc at Department of Chemistry and Industrial Chemistry, University of Pisa, Pisa, Italy.
- 2001 – 2001 Scholarship at Department of Chemistry and Industrial Chemistry, University of Pisa, Pisa,
Italy, (7 months).

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 2019 – 2022 Supervisor of 2 Marie Skłodowska-Curie PhD students (funded by EU, research grant
H2020-MSCA-ITN project) at Institute of Sciences and Chemical Technologies (SCITEC),
Italian National Council for Research (CNR), Milan, Italy.
- 2012 – 2018 Supervisor of 4 Postdocs at Institute of Molecular Sciences and Technologies (ISTM), Italian
National Council for Research (CNR), Milan, Italy.
- 2008 – 2018 Supervisor of 3 Master Degree students, at Department of Chemistry, University of Milan,
Italy (Industrial Chemistry course, 2) and at Department of Chemistry and Industrial
Chemistry, University of Pisa, Italy (Chemistry course, 1).

• TEACHING ACTIVITIES

- 2017 – 2017 Contract Professor at the University of Milan for a lecture series of “Green Chemistry,
Sustainable Industrial Chemistry and How to Start and Run a New Company” in the
framework of PhD Course in Industrial Chemistry at University of Milan, Milan, Italy.
- 2010 – 2011 Contract Professor at the University of Pisa for the Academic Courses of “Catalysis”
(Degree Course in Chemistry) and “Chemistry and Catalysis Technology” (Degree Course

in Industrial Chemistry) at University of Pisa, Pisa, Italy.

- **ORGANISATION OF SCIENTIFIC MEETINGS**

- 2019 – present Member of the Organizing Committee of "Second International School on NanoAlloys (ISNA-2)" Pisa, Italy.
- 2019 – present Member of the Scientific Committee of "NANO-DAY IV" Milan, Italy.
- 2015 – present Member of the Scientific Committee of "1st International Conference "ChemBioAza" Milan, Italy.
- 2012 – present Member of the Organizing Committee of the Summer School 2012, European Federation of Catalysis Societies, "1st Italian-Spanish School on Catalysis", Pallanza (VB), Italy (2012).

- **INSTITUTIONAL RESPONSIBILITIES**

- 2020 – present Member of the Advisory Board of Institute for the Chemistry of OrganoMetallic Compounds (ICCOM), Italian National Council for Research (CNR).
- 2020 – present Responsible of the "Catalysis" laboratory at ICCOM-CNR in Pisa.
- 2015 – 2019 Responsible of the "Transmission electron microscopy" laboratory (ISTEM) at ISTM-CNR in Milan.

- **REVIEWING ACTIVITIES**

- 2020 – present Member of the Referee Board for project proposals at MUR ("Ministero dell'Università e della Ricerca"), Italy.
- 2015 – 2017 Member of the Referee Board for project proposals at NCN (National Science Center) of Ministry of Science and Higher Education, Poland.
- 2007 – 2013 Member of the Referee Board for project proposals at "National Plan for Research, Development and Innovation", coordinated by Romanian Ministry of National Education".
- 2021 – Member of the Editorial Board of the journal "Materials" (Editor MDPI; ISSN 1996-1944), Switzerland.

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

- 2016 – present Member of the European Cluster on Catalysis (ECC).
- 2012 – 2020 Member of the European Microscopy Society (EMS)
- 2016 – 2019 Member, "Lombardy Green Chemistry Association (LGCA)", thematic issue "Sustainable Chemistry".

- **MAJOR COLLABORATIONS**

- Dr. V. Dal Santo, Dr. M. Marelli, catalytic studies and characterization of homo- and heterometallic supported metal nanoparticles, SCITEC-CNR, Milan.
- Prof. L. Prati, catalytic studies on mono- and bimetallic Au-based catalysts, Department of Chemistry, University of Milan, Milan, Italy.
- Dr. Andrea Beck, characterization of bimetallic Au-based catalysts, Centre for Energy Research, Department of Surface Chemistry and Catalysis, Budapest.
- Dr. A. Balerna, Characterization of heterogeneous catalysts by synchrotron radiation, INFN - Frascati National Laboratories, Frascati (Rome), Italy.

Ten years track-record

Research Activity:

Claudio Evangelisti research activity of the last 10 years is mainly focused on:

- Design and synthesis of innovative catalysts containing supported (and unsupported) homo- and hetero-metallic nanoparticles with controlled size, shape and composition.
- Characterization of nanostructured materials by transmission electron microscopy (TEM) and associated analysis techniques.
- Synthesis and study of the catalytic properties of new systems based on metals deposited on organic / inorganic supports processes for chemo-, regio- and stereoselective organic reactions conducted both in batch and in continuous flow also starting from secondary raw materials deriving from biomass.

The research activity of the last 10 years resulted in 88 papers published on international ISI journals (period 2011-2021, Scopus database). Since 2011 he has given more than 20 contributions as oral communications, lectures and invited lectures at national and international conferences and PhD schools.

Funded Projects (last 10 years excluding on-going projects):

- 2019-2022, ICCOM-unit responsible of the EIT Raw Materials research grant, funded by EU, “ADMA2, Practical Training between Academia and Industry during Doctoral Studies”.
- 2018-2022, principal investigator (PI) for a bilateral research project between CNR and Hungarian Academy of Science (Hungary), funded by CNR, “Au-based supported bimetal catalysts with non-noble metals (M = Cu, Zn and Sn) for the selective oxidation of cyclohexane: effect of the Au/M ratio, the structure and the support”.
- 2019-2023, WP leader and PhD supervisor of the project “BIKE – BImetallic catalysts Knowledge-based development for Energy applications”, funded by H2020-MSCA-ITN (EU).
- 2018-2020, team member of the EIT Raw Materials research grant, funded by EU, “Raw Matters Ambassadors at Schools-RM@School 3.0”.
- 2018-2021, team member of the EIT Raw Materials research grant, funded by EU, “RAISESEE. Raw Materials Students Internships in East South East Europe (EIT RIS activity related to action line I).
- 2017-2019, team member of the EIT Raw Materials research grant, funded by EU, “Regional Innovation Scheme (RIS) BloW-UP -Balkans Waste to Products: transfer of NoI model to Balkan area: de-siloing new waste-derived raw materials and developing new applications”.
- 2016-2019, team member of the EIT Raw Materials research grant, funded by EU, “Network of Infrastructures (NoI) FREECATS, Critical raw materials-FREE CATalystS”.
- 2016-2018, principal investigator (PI) for a bilateral research project between CNR and Hungarian Academy of Science (Hungary), funded by CNR, “Supported bimetallic AuCu and AuAg catalysts in selective alcohol oxidation reactions”.
- 2016-2018, team member of a bilateral research project between CNR and Council of Scientific and Industrial Research (CSIR), National Chemical Laboratory (India), funded by CNR, “Development of Catalytic Renewable Process by Converting Indian Origin Non-Edible Oil to Valuable Chemicals”.
- 2016-2018, team member of the research grant “I-ZEB – Verso Edifici Intelligenti a Energia Zero per la Crescita della Città Intelligente”, funded by Lombardy region and CNR.
- 2015-2017, team member of the research grant “SusChemLombardia - Prodotti e processi chimici sostenibili per l'industria lombarda”, funded by Lombardy region and CNR.
- 2013-2017, team member of the research grant “NANoREG – A common European approach to the regulatory testing of Manufactured Nanomaterials”, funded by EU (EU Framework 7 Programme).
- 2011-2017, unit responsible of research grant FIRB 2010, funded by Italian MUR, “Multifunctional Hybrids Materials for the Development of Eco-sustainable Catalytic Processes”, project ID RBFR10BF5V_002.
- 2011-2013 team member of the research grant PRIN 2009, funded by Italian MUR, “Metodi spettroscopici per la razionalizzazione dei fenomeni di riconoscimento molecolare”, project ID 2009ZSC5K2_002.
- 2011-2013, team member of the research grant PRIN 2009, funded by Italian MUR, “Il controllo delle dimensioni, della forma e della chiralità in molecole e aggregati: impieghi e ricadute nel fotovoltaico”, project ID 2009PRAM8L_006.

Other Tasks:

- 2015-2021, scientific responsible for ISTM-CNR and ICCOM-CNR of research contracts with industrial companies focused on the synthesis and characterization nanostructured metal catalysts.

- 2018, National scientific qualification for Associate Professor for sectors: 03/C1;(Organic Chemistry); 03/C2 (Industrial Chemistry); 03/B2 (Inorganic Chemistry); (from April 2018 to April 2024).

Publications

Claudio Evangelisti is author of 102 papers published on international ISI journals, 3 international patents (1 PCT e 2 European), 5 book chapters.

Bibliometric parameters (July 02, 2021, Scopus database):

- Overall number of publications: 102 documents
- Overall number of citations: 1431
- H-index: 22

TRATTAMENTO DEI DATI PERSONALI, INFORMATIVA E CONSENSO

Il D.Lgs. 30/6/2003, n. 196 “Codice in materia di protezione dei dati personali” regola il trattamento dei dati personali, con particolare riferimento alla riservatezza, all’identità personale e al diritto di protezione dei dati personali; l’interessato deve essere previamente informato del trattamento.

La norma in considerazione intende come “trattamento” qualunque operazione o complesso di operazioni concernenti la raccolta, la registrazione, l’organizzazione, la conservazione, la consultazione, l’elaborazione, la modifica, la selezione, l’estrazione, il raffronto, l’utilizzo, l’interconnessione, il blocco, la comunicazione, la diffusione, la cancellazione e la distruzione di dati, anche se non registrati in una banca dati.

In relazione a quanto riportato, autorizzo il CNR al trattamento dei dati contenuti nel presente curriculum vitae e nella documentazione della quale fa parte integrante, sollevandolo da ogni responsabilità.

Pisa, 16/07/2021

