

# Curriculum Vitae

**Dr. Cioateră Nicoleta**



## EDUCATION

**PhD, Chemistry, Romanian Academy, Institute of Physical Chemistry “Ilie Murgulescu”, June 2009**

Thesis: *Electrochemical and catalytic properties of nanostructured solid oxides for fuel cell applications*, Advisor: Dr. Viorica Pârvulescu

**Master Degree, Environmental Quality Control, University of Craiova, June 1998**

**Bachelor of Science, Chemistry, University of Craiova, July 1997**

## RESEARCH EXPERIENCE

**Postdoctoral Fellow, Department of Chemistry, University of Craiova, April 2010- April 2012**

Research focuses on synthesis, physico-chemical characterization, and electrochemical testing of pyrochlore-type oxides for fuel cell applications.

**Research Fellow, Department of Chemistry, University of Craiova, 2010-present**

Research project: Electrochemical study of iron monosulfide dissolution

**Research Fellow, Department of Chemistry, University of Craiova, 2006-2008**

Research project: “Nanostructured composite materials for SOFCs, catalytically active in direct oxidation of hydrocarbons”

**Research Fellow, University Notre Dame de la Paix, Namur, July-September 2006**

Romanian-Wallonne research project: “Nano-composite membrane materials based on transition metal oxides with catalytic activity towards hydrocarbon oxidation and their potential applications in Solid Oxide Fuel Cells”

**Responsible of Laboratory of Physico-Chemical Characterization and Testing of Materials – INCESA**

## TEACHING EXPERIENCE

**Associate Professor, 2020-Present**

- Graduate Environmental Electrochemistry (Lectures)
- Undergraduate Physical Chemistry and Colloids (Lectures)
- Undergraduate Environmental Chemistry (Lectures)

**Lecturer, 2007-2020**

- Graduate Environmental Electrochemistry (Lectures)
- Undergraduate Physical Chemistry and Colloids (Lectures)
- Undergraduate Environmental Chemistry (Lectures)

#### **Teaching Assistant, 2001-2007**

- Undergraduate Electrochemistry (Laboratory and Discussion Section)
- Undergraduate Kinetics (Laboratory and Discussion Section)
- Undergraduate Physical Chemistry and Colloids (Laboratory and Discussion Section)

#### **Graduate Student Instructor, 1998-2001**

- Undergraduate Electrochemistry, Kinetics, Colloids (Laboratory and Discussion Section)

#### **AWARDS**

Excellence in Research Diploma by the France Embassy in Romania and ANCSI (Nov 2016)

POSDRU Postdoctoral Fellowship, 2010-2012

COST Grant for COST Training School *Molecular structure-performance relationships at the surface of functional materials*, October 5-8, 2009, Ulm, Germany

PhD Fellowship from National Council of Scientific Research in Higher Education, 2008-2009

#### **PROFESSIONAL AND UNIVERSITY SERVICE**

Member of the PhD viva at ENSC Lille – France (2015)

**Journal Referee** (Journal of Alloys and Compounds, Analytical Letters, Solid State Ionics, Ionics, Bioactive Materials), 2009-Present

Departmental Coordinator of Erasmus Programme, 2007-2016

**Topic Editor** for the journal Materials (ISSN 1996-1944)

([https://www.mdpi.com/journal/materials/topic\\_editors](https://www.mdpi.com/journal/materials/topic_editors))

#### **PROFESSIONAL SOCIETIES**

Romanian Chemical Society

Romanian Society of Biomaterials

American Nano Society