

## PERSONAL INFORMATION



Professor PhD at „Alexandru Ioan Cuza” University of Iasi, Faculty of Chemistry  
Dean at the Faculty of Chemistry

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Place and date of birth: 12.10.1964, Maieru, jud. Bistrita-Nasaud,

## OCCUPATIONAL FIELD

Professor at the Faculty of Chemistry, “Alexandru Ioan Cuza” University of Iasi  
Field: Inorganic Chemistry  
PhD tutor

## PROFESIONAL EXPERIENCE

Professional experience /  
university

Professor, since 2008;  
Associate professor, during 2002-2008;  
Lecturer, during 1996-2002;  
Assistant Professor, during 1990-1996.

Professional experience /  
evaluation and expertise

ARACIS Evaluator (Romanian Agency for Quality Assurance in Higher Education), since 2009;  
AQAS Evaluator (Agentur für Qualitätssicherung durch Akkreditierung von Studiengängen), since 2015;  
Short term expert , ACPART- DOCIS Project (2009-2011);  
Member of the Technical Work Group for guide elaboration for the best available techniques, organized for the chemical industry, inorganic chemistry section, in the National Environmental Protection Agency, Bucharest, 2003;  
Chemistry teacher at the General School No. 2 Sighisoarea, Mures county; 1988 – 1990.

Administrative experience

Dean at the Faculty of Chemistry, since 2016 -present  
Vice-Dean for research activities at the Faculty of Chemistry, 2012 – 2016;  
Head of Research Department, Faculty of Chemistry, since 2012;  
Member in the Faculty of Chemistry Council: 2000-2003; 2012 – present;  
Member in the University Senate, elected in 2012 and 2016;  
Head editor *Acta Chemica Iasi*, since 2012.

Expertise

**Teaching – Professor** (chemistry) at “Alexandru Ioan Cuza” University, Faculty of Chemistry since 1990.

**Teaching experience:**

**Coordinative Chemistry:** The synthesis, characterization and reactivity of coordinative compounds;

**Material Chemistry:** The synthesis and characterization of mixed oxides with spinel structure;

Main activities and responsibilities

## SCIENTIFIC ACTIVITY

**Bioinorganic Chemistry:** Synthesis and characterization of oxygen transporters, the study of molecular oxygen fixation and catalytic activity studies;

**Inorganic Chemistry:** Synthesis and characterization of inorganic compounds;

**Structural analysis** by IR spectroscopy on plants, fungus, soil, polymer, artwork, nanostructures, etc.

- Didactic activities;
- Research activities
- PhD mentoring, Bachelor and dissertation thesis mentoring, methodical-scientific work for first didactic degree in preuniversity education.

### PUBLISHED BOOKS/ARTICLES

- **Books**, university courses and laboratory workbooks: **9**
- **Scientific articles** published in specialty journals: **109**, of which, **43** in ISI indexed journals abroad, **38** in ISI indexed national journals, **28** in non-ISI national journals. Position 18 in UAIC out of 1997 authors (<http://www.scopus.com/results/authorNamesList...>)
- **Participation** in over **70** scientific manifestations, of which more than **25** abroad.

**Citations** of indexed works in international databases: **510**; in SCOPUS, CAPLUS and MEDLINE, by the Institute for Scientific Information (ISI), Chemical Abstracts, Current Contents etc. **Hirsh index = 11**.

**SCIENTIFIC COORDINATOR:** 30 bachelor thesis, 11 dissertation thesis, 11 First didactic degree in preuniversity education methodical-scientific works;

**SCIENTIFIC REVIEWER** for numerous international journals (ISI indexed) : Journal of Coordination Chemistry, Inorganica Chimica Acta, Journal of Molecular Catalysis A: Chemical, Journal of Cellulose Chemistry, Journal of Environmental Chemistry, Textile Research Journal, Current Nanomaterials, Journal of the American Ceramic Society, International Journal of Food Properties, Journal of Thermal Analysis and Calorimetry, Comptes Rendus Chimie, Revista de Chimie, Journal of Nanomaterials, Applied Catalysis D etc.

**DIRECTOR / RESPONSIBLE FOR RESEARCH/DEVELOPMENTS GRANTS** with internal financing **2**, external financing **3**.

**MEMBER IN RESEARCH GRANT TEAMS** internal financing: **15**, external financing: **1**.

**Member in promotion committees** (for professor / associate professor) at "Alexandru Ioan Cuza" University of Iasi, University of Bucuresti, Babes Bolyai University of Cluj Napoca, Dunarea de Jos University of Galati; "Gheorghe Asachi" Technical University of Iasi.

**Member in PhD** at "Alexandru Ioan Cuza" University of Iasi, "Gheorghe Asachi" Technical University of Iasi.

## SPECIALIZATION

**2003 - 2004** (10 months, oct. - aug.), Postdoctoral research scholarship at Paris XI (Sud) University, Laboratoire de Chimie Bioorganique et Bioinorganique;

**1997 - 1998** (10 months, oct. - aug.), doctoral research scholarship at Paris XI (Sud) University, Laboratoire de Chimie Bioorganique et Bioinorganique;

## EDUCATION

**1999** PhD in Chemistry, Inorganic and bioinorganic Chemistry specialization

**1988**, June, Bachelor Degree

TRAINING STAGES AND  
MOBILITIES

**1984 – 1988:** Bachelor studies at the Faculty of Chemical Technology, The “Gh. Asachi” Politechnical Institute of Iasi.

**1983** June, Bacalaureat exam.

**1981 - 1983:** “Andrei Muresanu” Highschool, Bistrita;

**1979 – 1981:** “Liviu Rebreanu” Highschool, Bistrita;

**1971 - 1979:** Maieru General school, jud. Bistrita-Nasaud.

**2015** (01-30.04), Staff mobility, Universitatea de Stat din Moldova, Proiect Ianus II;

**2007-2015** (every year) Erasmus/Socrates mobilities at Paris XI (Sud) University;

- **2008** and **2009**, research stages (3 weeks each) at Paris-Sud (Paris XI) University, Chimie Bioorganique et Bioinorganique Laboratory, part of ECO-Net project.

- **2007** July, one month as invited researcher at Univ. Konstanz Germania;

- **2007** May, research stage at Paris-Sud (Paris XI) University, Chimie Bioorganique et Bioinorganique Laboratory

- **2006** November, one month as invited researcher at Univ. Konstanz Germania;

- **2002** June, Research stage, at Paris-Sud (Paris XI) University, Chimie Bioorganique et Bioinorganique Laboratory

MEMBER IN SCIENTIFIC  
COMMUNITIES

**Member** of the Romanian Chemistry Society

KNOWLEDGE IN  
COMPUTER USE

**Experienced PC** user (Microsoft Office Word; Microsoft Office Power Point; Microsoft Office Excel; Origin, Internet (Explorer, Mozilla, Opera), Chem draw, Isis draw), Manufacturer specific software (Spectra manager, Opus, Mastrec, Cintral etc).

KNOWN FOREIGN  
LANGUAGES

French (reading, writing, speaking), good; English (reading, writing, speaking), medium.

Iasi  
05.12. 2016

Aurel Pui

