




PERSONAL INFORMATION

CAPOTA Petre

 Str. Iacob Andrei, nr 8, sector 5, Bucuresti, Romania
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 pcapota1951@imnr.ro

Gender male | Birth date 24/07/1951 | Nationality Romana



PROFESIONAL EXPERIENNE

July 1978 - present

Researcher grd. II

Institutul National de Cercetare Dezvoltare pentru Metale Neferoase si Rare
 Blvdul Biruintei, nr. 102, Pantelimon, Ilfov
www.imnr.ro

- Atomic absorption spectrometry analyses
- Emission spectroscopy analyses
- Plasma emission spectrometry analyzes (DCP and ICP)

Activity type or area: Research

April 1976 – July1978

Physicist

Institutul de Cercetari Metalurgice

- metallographic analyzes of hard plates
- spectral analyses
- casting spectral standards for internal use

Activity type or area: Research

July 1975 – January 1976

Physicist

Intreprinderea Metalurgica NEFERAL

- rapid spectral analyses
- plate spectrography
- metallographic analyses

Activity type or area : Analyses and quality control in manufacturing

EDUCATION AND SPECIALISATION

1992-1997

Phd in Chemistry

EQF nivel 8

Facultatea de Chimie Analitica, Universitatea Bucuresti

Title: " The use of plasma atomic emission spectrometry in environmental analyses "

1999

Curs post-universitar pedagogic

1995

Curs - Formarea secretarilor comitetelor tehnice de standardizare- ASRO.

1991

Specializări la trei firme străine producătoare de aparatură analitică spectrală :
 BAIRD (Olanda), SPECTRO (Germania), A.R.L. (Austria)

1988

Curs de aplicare a chimiei pe calculator

10.1970 – 06.1975

Physicist

EQF nivel 6

Optica si spectroscopie in plasma, Facultatea de Fizica, Universitatea Bucuresti

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Engleza	B1	B1	B1	B1	B1
Franceza	C2	C2	C2	C2	C2

Levels A1/A2: Beginner - B1/B2: Independent user - C1/C2: Advanced user
Common European Framework of Reference for Languages

SOCIAL SKILLS AND COMPETENCES

Team spirit, ability to adapt to new and unforeseen situations, communication, seriousness and continuous improvement of interpersonal relationships. All these were acquired by participating in various projects that require teamwork and by interrelationship with management and ministerial entities.

ORGANISATIONAL SKILLS AND COMPETENCES

- Head of Analysis Laboratory

TECHNICAL SKILLS AND COMPETENCES

Atomic absorption spectrometry, emission and plasma emission spectrometry (DCP and ICP) analyses. Research in the fields: metallic materials for various applications (high-entropy alloys, hydrogen storage, composite materials, photovoltaics), non-metallic materials (complex oxides for bio-applications, sensors, energy storage) Activities: Carrying out, recording and interpreting chemical analyzes by various methods

COMPUTER SKILLS AND COMPETENCES

AUTOEVALUARE				
Information processing	Communication	Content creator	Security	Problem solving
Advanced	Advanced	Advanced	Advanced	Advanced

Levels: Beginner - Independent user - Advanced user
[Digital competences- Auto](#)

Competent in Word, Excel, PowerPoint, Adobe,

ADDITIONAL INFORMATION

- Affiliation** ▪ Member of the Romanian Analytical Chemistry Society since 1990. Member of EURACHEM ROMANIA. Secretary at the Technical Standardization Committee 280, ASRO.

ADDITIONAL INFORMATION

Project participation	7 international projects and 20 national projects
Conferences	37 articles in international and national magazines: 17 (ISI) and 20 BDI
Prizes	32 Presentations at scientific conferences and symposia 2 awards with medals and diplomas (1 gold)