




PERSONAL INFORMATION

SURNAME(S) / FIRST NAME(S)

SUCIU RAMONA - CRINA

 67-103 Donat Str., 400293 Cluj-Napoca, Romania

 (+4)0264-584037

 Ramona.Suciu@itim-cj.ro
crinaramona (Yahoo)

Sex Female | Date of birth 20/01/1977 | Nationality(-ies) Romanian

WORK EXPERIENCE

- 03.2015- prezent **Senior Research Scientist III**
National Institute for Research and Development on Isotopic and Molecular Technologies, Cluj-Napoca 68-103 Donath Str., 400293 Cluj-Napoca, Romania (itim@itim-cj.ro)
Synthesis of thin films deposition by chemical methods
Precursor and thin films characterization
Characterization of global structure and morphology of nanomaterials by X-ray diffraction methods and neutron scattering at small angles
Research
- 03.2008 – 02.2015 **Senior Research Scientist**
National Institute for Research and Development on Isotopic and Molecular Technologies, Cluj-Napoca 68-103 Donath Str., 400293 Cluj-Napoca, Romania (itim@itim-cj.ro)
Precursors synthesis. Nanomaterials and thin film characterisation
Characterization of global structure and morphology of nanomaterials by X-ray diffraction methods and neutron scattering at small angles
Research
- 02.2008 - 03.2008 **Asistent Research**
National Institute for Research and Development on Isotopic and Molecular Technologies, Cluj-Napoca 68-103 Donath Str., 400293 Cluj-Napoca, Romania (itim@itim-cj.ro)
Precursor synthesis. Nanomaterials and thin film characterisation with photocatalytic properties
Characterisation by X – ray and photoluminescence of powder, thin films and bulk materials
Research
- 11.2003 - 12.2007 **PhD**
Technical University of Cluj – Napoca, Faculty of Materials Science and Engineering, Department of Materials Science and Technology, 103-105 Bd. Muncii (www.utcluj.ro)
Research and didactic activities at the discipline: Material economy, Metallic materials, Powder metallurgy, Thermodynamics of solids
Thin films synthesis
Thin films deposition by chemical methods
Organo-metalic precursors synthesis
Thermogravimetric analysis
- Education
- 10.1995 - 07.1998 **Worker**
SC "IRIS" SA, Romania, Cluj – Napoca, 88 – 90 Oasului Str
Glazing, decoration and packing of ceramics products
Production

EDUCATION

01.11.2003-01.01.2007

PhD

Faculty of Materials Science and Engineering (today Faculty of Materials and Environmental Engineering), Technical University Cluj-Napoca
 Specialization: Material Science and Engineering
 Phd Thesis: "RESEARCHES ON THE DEVELOPMENT OF CHEMICAL SOLUTION TECHNIQUES FOR MULTILAYER OXIDE THIN FILMS"
 PhD supervisor: Prof. Dr. Eng. Ioan Vida – Simiti
 The date of the doctoral thesis : 17.12.2007
 Order of the Minister of Education, Research and Youth, no. 3439 of 12 March 2008

01.10.2004-30.06.2005

Master degree

Faculty of Materials Science and Engineering (today Faculty of Materials and Environmental Engineering), Technical University Cluj-Napoca
 Specialization: New materials with special properties
 Title of dissertation thesis: "Theoretical and experimental studies on the deposition of cerium oxide films"

01.10.1998 – 30.06.2003

Engineer

Faculty of Materials Science and Engineering (today Faculty of Materials and Environmental Engineering), Technical University Cluj-Napoca
 Title: "Researches regarding the deposition of oxide films by chemical methods on various substrates"
 Profile: Material Science
 Specialization: Material Science and Engineering

01.02.2000 – 10.12.2002)

Graduation Certificate of Psychopedagogical Training (D series, nr.0030510, 2002), issued on September 29, 2005, no. 288.

15.09.1991 – 30.06.1995

High school diploma
 Industry School Group
 Profile: Building Materials

15.09.1991 – 30.06.1995

Certified - operator of fine ceramics (C series, No. 021030, 1995), issued on July 26, 1995, no. 155
 Industry School Group
 Profile: Building Materials

Personal skills and competences

Language (s) default (s)

Romanian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	A1	A1

(*) Common European Framework of Reference (CEF) level

Organisational skills and competences

leadership

Computer skills and competences Microsoft Office (Word, Excel, PowerPoint,)
Programs: ChemWin, Origin, KaleidaGraph, Match!, Powder Cell, CDXAS, Sasfit, WinXAS, AutoCad...

Other skills and competences Summer school – Advanced Materials³ (Timișoara 2004), Ingénierie Assistée par Ordinateur et Nouveaux Matériaux (Timișoara 2006)
Workshop “Introduction to Confocal Raman and Scanning Probe Microscopy”, Cluj - Napoca, March, 2008, organized by WITec, Ulm, Germania and Molecular Spectroscopy Department and Nanobiophotonics Laboratory of Babes - Bolyai University, Cluj – Napoca, Romania
International training workshop on Principles of Environmental Science and Engineering, Cluj – Napoca, 8 - 11 September, organized by de Michigan State University, Institute of International Health and Forgarty International Center Program on Environmental Health

Additional information

- Publication
- 28 papers published in ISI rated journals,
 - 19 ISI articles indexed volumes
 - 6 articles in magazines and volumes of scientific events indexed in other international databases
 - 17 papers presented at scientific events
 - 1 papers communicated at scientific events (unpublished or published only in summary)
- Member of the Romanian Catalytic Society

- Projects Member of the contract research team:
- Project CEEEX 17 (1283)/2005 “Materials for spintronics” – SPINTROMAT
Project CEEEX 140(360)/2003, “Nanopowder from NiAl and Ni obtained by powder metallurgy”;
Project CEEEX PC-D04-PT04-1306, “New nanomaterials and adhesives with high performance applications in dentistry”,
Contract Matnantech, no. 30/2005 ; Project CEEEX PC-D04-PT04-1304
“New nanomaterials and systems for dental protetics and implantology”,
Project Relansin no. 2/2005; Project CEEEX (2005 – 2007), no. 11/17.10.2005 “Fundamental and applicative research about adamant obtaining with 12 – 15% Tin for realization some antifriction layers” – BRONZIV;
Project CEEEX (2005 – 2007), no. 8/15.10.2005 – “Al – Pb composites obtained by casting”;
Project CEEEX - 2-CEEEX/23.11.2006 “Imagery to nano / micro scale by computed tomography quantitative for dispositions and advanced materials; Project -MENER no. 710/24.07.06 – “Photoelectrocatalytic production of hydrogen from water” – HIDROSOL; Interdisciplinary research and education platform in advanced technologies for doctoral and masters (PCFI) – Nanoscience and Nanotechnologies;
PN II programs: “Oxidic micro- and nanostructured materials with controlled luminescent chromatics” –MAMINAL, project no. 71-122/2007;
Program PN II– “Photocatalytic production of hydrogen under solar irradiation from industrial sulphurous residues (H₂S and SO₂)” – H₂SOLAR, project no. 3322/2008;
-National Core Project: - “Local structure determination of highly disordered oxide systems with applications in photocatalysis”; “Applications of nanostructured systems in remediation, catalysis and storage of ultrahigh density information”, project no. PN 09-44 02 15; Nanostructured composites systems: preparation, characterization and applications, project no. PN09-44 02 19; Advanced nanomaterials for energy production and storage, project no. PN16-30 02 05; Advanced multifunctional materials with adjustable design and properties with high innovation potential, project: nr. PN 19 35 02 03, The implementation of new innovative methods, models and technologies for the promotion of Romanian food products and the protection of the environment, project: nr. PN 19 35 02 02
PN III programs: PNIII- P2-2.1-BG-2016-0077 Expertise of zirconium oxide partially stabilized with other oxides with applications in dental field.
Project 53PCCDI / 2018 Elaborating Complex Methodologies Regarding the Attribution and Authentication of Medieval and Early Modern Paintings Belonging to the National Cultural Heritage,
- Member of International cooperation agreements with:**
- **Beijing Synchrotron Radiation Facilities, Institute of High Energy Physics, China**
- **Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Russia**

Cluj - Napoca
03.06.2019

Dr. eng. Suci Ramona - Crina