



PERSONAL INFORMATION

Iuliu Romeo Popovici



 INC DIE ICPE-CA

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Sex male | Date of birth 12/07/1958 | Nationality romanian

POSITION WITHIN THE PROJECT

Member in research team

WORK EXPERIENCE

15.04.2001 - present

IDT I

NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT IN ELECTRICAL ENGINEERING ICPE-CA, Bucharest, Splaiul Unirii 313, sector 3, Bucharest, www.icpe-ca.ro

- Administrative-organizational specific for research-development

Business or sector Research– development in electrical field

15.06.1986 – 14.04.2001

IDT I

Commercial society ICPE SA, Splaiul Unirii 313, sector 3, Bucharest, www.icpe-ca.ro

- Administrative-organizational specific for research-development

Business or sector Research– development in electrical field

01.09.1984 – 14.06.1986

IDT I

Scientific Research Center and Technological Engineering for Manufacturing `Grivita Rosie`

- Projecting machines and equipments

Business or sector Research – design of machines and equipments in chemistry

EDUCATION AND TRAINING

15.09.1979 – 15.07.1984

Bachelor's degree, engineer diploma

Higher studies

POLITEHNICA University Bucharest / Faculty of technology of machines construction – day course
Design of machines- tools
Vibrations of machines-tools
Tolerances and dimensons

Mother tongue(s) Romanian

Other language(s)

Replace with language

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Basic user	Basic user	Basic user	Basic user	Basic user
Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

Very good team spirit
 Very good communication skills
 Open mind
 Altruism

PERSONAL SKILLS

Organisational / managerial skills

Very good organizational spirit
 Very good experience of team management

Job-related skills

- Projecting and execution of machines – tools in engineering /technological systems management

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificate(s)

- Microsoft Office (Word , Excel ,Power Point), Windows XP, Vista – good level

Other skills

Research activities: non-contact optical systems for scanning and measuring with very high accuracy, based on the triangulation principle and grey tone correlation captured with CCD cameras, used in reverse engineering and quality control

- Collector of postal cards and stamps

Driving licence B category

ADDITIONAL INFORMATION

Contact people for reference:

- Nicolae FARBAS, dr. engineer , Timisoara, tel. +40 751 091 420 ; +40 723 136 074
- Dan Baiasu, dr. engineer, Bucharest, tel. +40 722 392 139
- Victor STEFANESCU, engineer, Bucharest , tel. +40 744 913 590

- Not married

ANNEXES

 Accumulated experience (including managerial experience) in other programmes /projects national/international in **2005-2014** period

Project/Programme	Function	Period
CEEX X1 C02/2005 : Complex computerized system for the verification, diagnosis and final testing of pneumatic equipments of braking for the railway vehicles , in order to increase the safety and security in railway transport.	Economical responsible for the project / Researcher Specialist	2005-2008
CEEX 57 C33/2005 : Automated system of non-destructive examination of railway safety components on the basis of nano-structured magnetic sensors - NANOEND	Project responsible	2005 -2008
CEEX 70/2006 : Concept of automated ,non-destructive examination of pipes from tubular plates through rotational currents method with a sensor from nano-structured materials – EDDY	Project responsible	2006 -2008
CEEX X2 C26/2006 : Stand for computerized testing and diagnosis of dampers for railway vehicles in order to improve the dynamical performances and increase the safety of circulation and passengers confort	Economical responsible for the project / Researcher Specialist	2006-2008
PN II 71-052/2007 : Computerized system for measurement and analysis of rolling profiles in order to increase the safety of guidance and rolling quality in exploitation and also the synthesis of new profiles at railway vehicles	Project responsible	2007-2010

Other mentions:
International projects :

 Director, **international project no. 02-0-0941-91/2008 beneficiary JINR Dubna – RUSIA**: “Development of the experimental installation and the creation of the data acquisition system for projects LNS and PHe3”.

 Director, **international project no. 04-4-1075/2009, beneficiary JINR Dubna – RUSIA**: “Study and development of a monitoring system of balls during their passing through the cryogenic modelator of the IBR-2M reactor”.

 Director, **international project no. 08626319/092086-74/2010, beneficiary JINR Dubna – RUSIA**: “Equipment for the modernization of internet network structure of experimental saloons of IBR-2M reactor“.

 Director, **international project no. 08626319/092087-74/2010, beneficiary JINR Dubna – RUSIA**: “Diagnosis stand for debugging the electronic equipment of IBR-2M reactor spectrometers“.

Director, **international project No. 08626319/1120260-72/2011, beneficiary JINR Dubna – RUSIA:** “Command and control equipment for the auxiliary equipment of acceleration and polarimetry station of Nuclotron”.

Co-Director, **international contract no. 41/2014, beneficiary JINRDubna, RUSIA:** “Design of a superconducting magnet cooled by a closed cycled cryocooler for the IBR-2M reactor”.

Co-Director, **international contract no. 42/2014, beneficiary JINR Dubna, RUSIA:** “Execution of the superconducting coils of the booster type corector magnets of the NICA accelerator”.

Co-Director, **international contract no. 54/2014, beneficiary JINR Dubna, RUSIA:** “Realization of a 4T HTS superconducting magnet for nuclear spectroscopy with neutrons”.

Co-Director, **international contract no. 51/2014-grant, beneficiary JINR Dubna, RUSIA:** “Realization of the devices for the execution of the superconducting coils of the booster type corector magnets of the NICA accelerator”.

Published articles

1. Study of modernization concept and quality improvement through diagnosis of pneumatic braking equipment for railway vehicles “Railway vehicles International Symposium ” Bucharest 25-26 November **2005**, Bucharest Politehnica University –pag.135-141, ISBN(10)973-755-038-2.
2. Functional model of computerized complex stand for the diagnosis of braking pneumatical equipments of railway vehicles – International Symposium “research and education in Inovation Era ”, Arad 16-18 November **2006**, to be published in ISBN vol.
3. About analysis of railway vehicles brake valve distributors diagrams electronically obtained, Application form to International Symposium, Reserch and Education in Innovation Era, University “ Aurel Vlaicu” Of Arad, 16-18th November **2006**, to be published in ISBN vol.
4. General concept of a complex computerized system for testing the pneumatic braking equipment of rail vehicles – Simpozionul International “ Cercetare si Educatie in era Inovatiei”, Arad 16-18 November **2006**, to be published in ISBN vol.
5. Measurement and analysis system of geometrical profiles with application at rolling profiles of railway vehicle wheels – COMEFIM 10, **19 may 2011**.
6. Portable system for measuring , analisys and diagnosis of rolling profiles for railway vehicle wheels – AGIR, **29 april 2011**, ISSN-L 1224-7928.