

PERSONAL INFORMATION

Mariana Iorgulescu



 Pitesti, Romania



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JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR

WORK EXPERIENCE

2002-present

**Lecteur, doctor, engineer**

Pitesti University, Faculty of Electronics, Communications and Computers

Website: [www.upit.ro](http://www.upit.ro)

Teaching courses and laboratories:

- Electrical Machines,
- Power system and electrical energy distribution
- Electrical instalations
- Technology of electrical equipments

1989-1999

Research and teaching activity

**electrical engineer**

SC. ANA IMEP SA Pitesti, sos. Pitesti-Bucuresti ,no.112 , Pitesti, Arges, Romania,

website: [www.anaimep.ro](http://www.anaimep.ro)

Design of electrical machines technology

Research in electrical machines field

Marketing activity in industrial domain (electrical machines)

Electrical machines design and manufacturing

EDUCATION AND TRAINING

2002-2006

**Doctor  
Electrical Engineering**

Replace with  
European  
Qualification  
Framework (or other)  
level if relevant

Politechnical University of Bucharest

- Title of thesis: Expert systems for electrical motors test and diagnosis

1984-1989

**Electrical Engineer**

Replace with  
European  
Qualification  
Framework (or other)  
level if relevant

Politechnical University of Bucharest

- Mathematics,physics,electrical machines, electrical equipments, power energy and electrical energy distribution

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English	B2	B2	B2	B2	B2
French	A1	A2	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

**Communication skills** ▪ good communication skills gained through my experience as marketing engineer and lecturer

**Organisational / managerial skills** ▪ leadership  
**Job-related skills** ▪ good command of technology and quality manufacturing processes

**Computer skills** ▪ good command of Microsoft Office™ tools and Corel Draw

**Other skills** ▪ team skills

**Driving licence** ▪ B

**ADDITIONAL INFORMATION**

- Publications ▪ according to the annexe
- Presentations
- Projects
- Conferences
- Seminars
- Honours and awards
- Memberships
- References

**ANNEXES**

- publications and research.

## ANNEXE:

## Papers:

- **Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu**, „Vibration monitoring for diagnosis of electrical equipment's fault”, 12 th international Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2010, Brasov , May 20-21,2010 ,Romania, ISBN 978-973-131-7018-1, pag 493-499 **Conference Location** : Basov  
**ISSN** : 1842-0133  
**Print ISBN**: 978-1-4244-7019-8  
**INSPEC Accession Number**: 11431572  
**Digital Object Identifier** : [10.1109/OPTIM.2010.5510332](https://doi.org/10.1109/OPTIM.2010.5510332)
- **Mariana Iorgulescu, Robert Beloiu, Mihai Octavian Popescu**, „Rotor bars diagnosis in single phase induction motor based on the vibration and current spectrum analysis”, 12 th international Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2010, Brasov , May 20-21,2010 ,Romania, ISBN 978-973-131-7018-1, **Page(s)**: 364 - 370 **Conference Location** : Basov  
**ISSN** : 1842-0133  
**Print ISBN**: 978-1-4244-7019-8  
**INSPEC Accession Number**: 11417283  
**Digital Object Identifier** : [10.1109/OPTIM.2010.5510575](https://doi.org/10.1109/OPTIM.2010.5510575)
- **Iorgulescu, M.; Alexandru, M.; Beloiu, R.** " Noise and vibration monitoring for diagnosis of DC motor's faults „13 th international Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2012, Brasov ,On page(s): 724  
Conference Location : Brasov  
**ISSN** : 1842-0133  
E-ISBN : 978-1-4673-1652-1  
Print ISBN: 978-1-4673-1650-7  
INSPEC Accession Number: 12849342  
Digital Object Identifier : [10.1109/OPTIM.2012.6231919](https://doi.org/10.1109/OPTIM.2012.6231919)
- **Iorgulescu, Mariana ,Beloiu, Robert** "Study of DC motor diagnosis based on the vibration spectrum and current analysis"  
**This paper appears in:**  
Applied and Theoretical Electricity (ICATE), 2012 International Conference on  
**Date of Conference**: 25-27 Oct. 2012  
**Author(s)**: **Page(s)**: 1 - 4  
**Product Type**: Conference Publications  
**Conference Location** : Craiova, Romania  
**Print ISBN**: 978-1-4673-1809-9  
**Digital Object Identifier** : [10.1109/ICATE.2012.6403430](https://doi.org/10.1109/ICATE.2012.6403430)  
**Date of Current Version** : 07 ianuarie 2013  
**Issue Date** : 25-27 Oct. 2012
- **Iorgulescu, M.; Beloiu, R.; Popescu, M. O** " Induction motors monitoring based on artificial neural network", 10th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2006) Location: Brasov, ROMANIA Date: MAY 18-19, 2006 ,PROCEEDINGS OF THE 10TH INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT, VOL III: INDUSTRIAL AUTOMATION AND CONTROL **Pages**: 157-162 **Published**: 2006, ISBN [973-635-705-8](https://doi.org/10.1109/OPTIM.2006.973-635-705-8)
- **M.Iorgulescu, R. Beloiu, D. Cazacu**, „Vibration monitoring for electrical equipment faults detection using Fast Fourier Transform” WSEAS International Conferences Brasov 2009, ISSN 1790-2796, ISBN 978-960474-112-2, vol I, pag 34
- **Mariana Iorgulescu, Robert Beloiu**” Induction Motors Modelling for Faults Diagnosis”, Proceedings of the 2nd SYMPOSIUM ON APPLIED ELECTROMAGNETICS SAEM'08 pag.77-82 Zamość, Poland, June 1 – 4, 2008 ,ISBN 978-83-7373-037-3
- **M.Iorgulescu, R. Beloiu, M.O.Popescu** „Detection of induction motors' faults by vibration and noise monitoring”, Proceedings of 1st SYMPOSIUM ON APPLIED ELECTROMAGNETICS SAEM'06 Ohrid, Macedonia
- **M.Iorgulescu, R. Beloiu**,” Vibration and current monitoring for fault's diagnosis of induction motors” ICATE 2008 - 9-th International Conference on Applied and Theoretical Electricity, Annals of the University of Craiova, Electrical Engineering series, No. 32, 2008; ISSN 1842-4805,pag 102-107, Copernicus Indexed
- **M Iorgulescu** ” STUDY RELATION BETWEEN FAULT NOISE IN ELECTRIC MOTOR” [12-IJTPE-Issue5-Vol2-No4-Dec2010-pp69-73.pdf](https://doi.org/10.1109/IJTPE-Issue5-Vol2-No4-Dec2010-pp69-73.pdf), ISSN 2077-3528
- **M.Iorgulescu, R. Beloiu** “Noise monitoring for faults diagnosis of electrical machines” **ECAI 2011,Pitesti**

## Books:

- **Octavian Dumitru, Nicolae Popa,Robert Beloiu,Luminita Constantinescu, Mariana Iorgulescu**” Teste grila pentru licenta” , Editura Universitatii ,Pitesti2005
- **M. Iorgulescu**, „Diagnoza tehnica”, Editura Universitatii ,Pitesti 2005