#### PERSONAL INFORMATION

# Leonard Mihail, Livadaru



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<u>livadaru@tuiasi.ro</u>

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Sex Male | Date of birth 20/07/1961 | Nationality Romanian

### **WORK EXPERIENCE**

# from 20/02/2005- to present

# Associate professor

"Gheorghe Asachi" Technical University from Iasi

21-23, Prof.dr.doc. Dimitrie Mangeron, Iasi, 700050, Romania, www.tuiasi.ro

- Didactic activity: "Numerical calculation of electrical machines"; "Optimization of electrical machines"
- Scientific activity: member of the research team involved in 4 grants concerning among other fields the study of the integrated starter-alternator systems, study of the mathematical models that describe the operation of electrical machines, study of the bearings placed in magnetic fields. Author and co-author of 3 books, 57 scientific papers presented and published at national and international conferences.

Didactic and scientific activity

#### from 01/10/1997- to 19/02/2005

### Lecturer

"Gheorghe Asachi" Technical University from Iasi

21-23, Prof.dr.doc. Dimitrie Mangeron, Iasi, 700050, Romania, www.tuiasi.ro

- Didactic activity: "Electrical machines"; "Special electrical machines", "Design of electrical machines"
- Scientific activity: member of the research team involved in 6 grants concerning among
  other fields the design of small power electric motors, study of the magnetic field produced by small
  power motors and re-design of some special induction and synchronous motors. Author and co-author
  of 2 books, 41 scientific papers presented and published at national and international conferences.

Didactic and scientific activity

### from 20/02/1991- to 30/09/1997

### Assistant professor

"Gheorghe Asachi" Technical University from Iasi

21-23, Prof.dr.doc. Dimitrie Mangeron, Iasi, 700050, Romania, www.tuiasi.ro

- Didactic activity: "Electrical machines"; "Special electrical machines", "Test of electrical machines"
- Scientific activity: member of the research team involved in 5 grants concerning among other fields the performance improvement of electrical machines and transformers, study of two-phase induction motors. Author and co-author of 3 books, 17 scientific papers presented and published at national and international conferences.

Didactic and scientific activity

#### from 15/09/1988- to 19/02/1991

### **Engineer**

Research Institute for Electronics, ICE- lasi branch, Romania

Design of electrical equipment

Engineering design

# from 01/10/1985- to 14/09/1988

# Engineer

Mechanical Enterprise, Vaslui, Romania

Maintenance of electric equipment

#### Technical activity

#### **EDUCATION AND TRAINING**

### from 01/04/1995 - to 14/03/2003

## PhD degree

Engineer

ISCED 8

"Gheorghe Asachi" Technical University from Iasi

 Design of electrical machines; Special electrical machines/ use of FEM-based software packages for the analysis of magnetic field created by electrical machines

## from 15/09/1980 - to 01/07/1985

ISCED 7

"Gheorghe Asachi" Politechnic Institute, Iasi, Romania

Mathematics; Physics; Electric circuit theory; Magnetic field theory; Electrotechnical
materials; Electric apparatus; Electric machines; Electric measurements; Electric traction; Design of
industrial electric systems; Electrothermics; Electric drives; The systems theory and automatic
control; Power stations; Special electric technologies

#### from 15/09/1976 - to 15/06/1980

# College graduation

ISCED 3

"Costache Negruzzi" College, Iasi, Romania

 Mathematics; Physics; Chemistry; History; Geography; English; French; Romanian literature; Biology; Sports;

#### PERSONAL SKILLS

#### Mother tongue

#### Romanian

# Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
B1	B1	B1	B1	A2
B1	B1	B1	B1	A2

Italian

English

French

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

### Communication skills

 Excellent communication skills (both Romanian and English) gained through my experience as an active participant at numerous scientific conferences

### Organisational / managerial skills

- Leader of organizing committee of SELIS 2005 international conference
- Member of organizing committee of ELS 2007, ELS 2009, ELS 2011, ELS 2013 conferences
- Chairman EPE 2008 conference, ELS 2009 conference, OPTIM 2012 conference
- Main organizer (2003-2016) of "Cezar Parteni" student contest

Job-related skills

good command of design, diagnosis and test of electrical machines

Computer skills

good command of Microsoft Office™ tools, Powerpoint, Adobe, Flux 2D, Internet

Driving licence

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### ADDITIONAL INFORMATION

### Memberships

Senior Member IEEE-IAS