

PERSONAL INFORMATION

IOSIF MĂLĂESCU



 West University of Timișoara, Faculty of Physics

 0040256592260  0040744653824

 iosif.malaescu@e-uvt.ro

<http://www.physics.uvt.ro/~malaescu/malaescu.html>

Gender Male | Date of birth 11/05/1955 | Nationality Romanian

POSITION WITHIN THE GRANT/PROJECT

Project responsible at West University of Timisoara, Romania

WORK EXPERIENCE

From 2012 to present

Professor / Since 2016 - Director of the Physics Doctoral School

West University of Timișoara, Faculty of Physics,
Bd. V. Pârvan, no. 4, Timișoara, 300244, Romania -
<https://www.uvt.ro/ro/educatie/facultati/facultatea-de-fizica/>

- The main activities were related to teaching and research. I taught courses of Electronics, Electricity and Magnetism, Nanosystems in electromagnetic fields and Complements of the materials physics. Apart of these, in the period 2012-2016 I was director of the department of physics and I had administrative duties, member of the faculty board, member of the university senate.

From 2008 to 2012

Professor/Head of Chair, Physics Faculty

West University of Timișoara, Faculty of Physics,
Bd. V. Pârvan, no. 4, Timișoara, 300244, Romania -
<https://www.uvt.ro/ro/educatie/facultati/facultatea-de-fizica/>

- The main activities were related to teaching and research. I taught courses of Electronics, Microwave and applications, Nano-magneto-dielectrics in electromagnetic fields. Apart of these, in the period 2008-2012 I was head of the chair of physics department and I had administrative duties, member of the faculty board.

From 2003 to 2008

Assistant professor/Since 2004 - Vice dean of the Physics Faculty

West University of Timișoara, Faculty of Physics,
Bd. V. Pârvan, no. 4, Timișoara, 300244, Romania -
<https://www.uvt.ro/ro/educatie/facultati/facultatea-de-fizica/>

- The main activities were related to teaching and research. I taught courses of Electronics, Microwave and applications, Physics of Dielectrics, Nano-magneto-dielectrics in electromagnetic fields. Apart of these, in the period 2004-2008 I was vice dean of physics faculty and I had administrative duties, member of the faculty board.

From 1991 to 2003

Lecturer

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Bd. V. Pârvan, no. 4, Timișoara, 300244, Romania -
<https://www.uvt.ro/ro/educatie/facultati/facultatea-de-fizica/>

- The main activities were related to teaching, research and management and organization of the scientific department of the faculty;
- PhD in Physics of the Babes-Bolyai University of Cluj-Napoca (1997);
- Scientific Secretary of the Physics Faculty, University of Timisoara (2000-2004).

- From 1986 to 1991 **Teaching Assistant**
 University of Timisoara, Faculty of Physics
 Bd. V. Parvan, no. 4, 300223 Timisoara, Romania
<https://www.uvt.ro/ro/educatie/facultati/facultatea-de-fizica/>
- The main activities were related to teaching and research. I led laboratory and seminar classes of Electronics, Electricity and Magnetism, Ferrofluids.
- From 1979 to 1986 **Physics teacher**
 Agroindustrial High School of Hateg, jud. Hunedoara
- The main activities were related to education and teaching of physics.
 - Between 1980-1986 I worked as assistant associate at the Petrosani Mining Institute where I had laboratory activities and research of the ferrofluids.

EDUCATION AND TRAINING

- 1975 - 1979 **BA in Physics**
 University of Timișoara, Faculty of Physics
- Education and research skills

- From 2009 to present **PhD supervisor, Physics Field**
- Order of the Ministry of Education and Research
 no. 112/25.08.1997
- PhD - Physics**
 Babes-Bolyai University of Cluj-Napoca, Faculty of Physics (1997)
- Research skills on:
 - Electromagnetic properties of ferrofluids;
 - Relaxation processes in ferrofluids;
 - Behaviour of some materials and electronic devices in electromagnetic field;
 - Magnetic and dielectric relaxation processes in nano-microstructured systems and ferromagnetic resonance;
 - Propagation of the radiofrequency and microwave electromagnetic field in different systems (with applications as electromagnetic absorbers and electromagnetic shielding).

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2

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

Communication skills ▪ good communication skills gained through my teaching experience of 37 years.

Organisational / managerial skills ▪ Based on my experience as scientific secretary of the Physics Faculty (2000 - 2004), Board Member of the Faculty of Physics of the University of West Timisoara (from 2000 to present); Member of the Senate of West University of Timisoara (from 2016), Chairman of the Committee of Institutional Strategy and Internal Management Control of the Senate of West University of Timisoara (from 2016), Vice Dean of the faculty (2004-2008), Director of Physics Department (2008-2016), Chairman of the Physics Conference TIM-03....10, from the West University of Timisoara, I gained good organisational and management skills such as:

- team management
- team leadership
- decision making
- creating and keeping deadlines
- teamwork
- coordinating events
- strategic thinking
- implementing strategy
- multitasking
- delegation
- project management

Job-related skills Teaching and my research experience of 37 years allowed me to tackle a range of complex didactical and scientific problems related to the physics and especially on the behaviour of magnetic and dielectric materials in low and high frequency fields, relaxation processes and ferromagnetic resonance in ferrofluids.

Digital competence

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

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- good level of computer use: Word, Excel, Internet, Power Point;
- good command of Origin;
- good command of photo editing software.

Other skills

- Able to perform well in emergency situations and under tight deadlines.
- Excellent problem-solving skills with high attention.
- Ability to conceptualize and generate new ideas and develop effective solutions.
- Good project management skills and the ability to gain cooperation between groups and individuals.

Driving licence Driving licence category B

ADDITIONAL
INFORMATION
