



Emil TUDOR

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SPLAIUL UNIRII 313 SECTOR 3, 5, 031038, BUCHAREST, Romania

● WORK EXPERIENCE

31/03/1993 – 18/05/2017 – Bucharest, Romania

CSIII MAIN SCIENTIFIC RESEARCHER, PHD. ENG. – ICPE SAERP S.A.

Research, development, and production regarding Electric Drives for electric traction vehicles, test benches, and electric machines.

11/06/2018 – CURRENT – București, Romania

CSII MAIN SCIENTIFIC RESEARCHER, PHD. ENG. – NATIONAL RESEARCH& DEVELOPMENT INSTITUTE FOR ELECTRICAL ENGINEERING - INCDIE ICPE-CA

Research and development projects in Electrical Engineering- Electric Drives, Automated Drives, Test benches, Electric Motors.

Head of The Electrical Motors and Drives Lab of the Department of Renewable Energy Sources and Energy Efficiency

19/05/2017 – 30/05/2018 – Bucharest, Romania

DIRECTOR GENERAL AND CHAIRMAN OF THE BOARD OF ADMINISTRATORS – ICPE SAERP S.A. – ICPE SAERP S.A.

Coordinating the activity of an 87-employee company with activity in the field of drives for electric vehicles (trolleybus and tram), electric drives, and test benches. The company develops its own products by performing research, design, and development.

Address București

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
FRENCH	A1	A1			
SPANISH	A2	A2			

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● EDUCATION AND TRAINING

12/10/1999 – 02/03/2006 – București, Romania

PHD. ENG. DEGREE – University "Politehnica" of Bucharest - Electrical Engineering

Address București, Romania

14/09/1988 – 05/07/1993 – Romania

MASTER'S DEGREE – University "Politehnica" of Bucharest - Electrical Engineering

Address Romania

14/09/1983 – 14/06/1987 – Buzău, Romania

BACCALAUREATE DIPLOMA – High School of Mathematics-Physics "B.P.Hasdeu"

Address 5, Buzău, Romania

● DIGITAL SKILLS

My Digital Skills

Microsoft Office | Orcad | Autocad | CorelDraw

● NETWORKS AND MEMBERSHIPS

Electrical Engineer

EPE (European Power Electronics) member id # 12618928

IEEE (Institute of Electrical and Electronics Engineers) member #96083217

AGIR (Asociația Generală a Inginerilor din România) member id #63105

ASTR (Academy of Technical Sciences from Romania) associate member

● HONOURS AND AWARDS

Research awards

1997 General Association of Engineers of Romania AGIR - Award in Electrical Engineering for "DC chopper e quipment for ASTRA-ARAD-IKARUS trolleybuses", Bucharest 12.09.1998

2000 Romanian Government, National Agency for Science, Technology and Innovation for "Equipment with DC voltage chopper drive for trolleybus type ASTRA-IKARUS" Bucharest, 8.12.2000

2011 General Association of Engineers of Romania AGIR - Award in Transport Engineering for "Developmen t of transport systems with environmentally friendly vehicles by turning buses into trolleybuses", Bucharest, 14.09.2012

● ORGANISATIONAL SKILLS

General Skills

- management skills, acquired during the position of CEO of a company with 87 employees;
- leadership, proven during the 20 years of coordination of the team of design engineers;
- organizational competencies fixed during the activities of organizing the projects, completed with more than 30 prototypes of electric traction installations (tram, trolleybus, electric bus);
- research activity - sustained development, a participant in 15 R&D projects/grants, 5 of which as project director;
- specialized training and courses (SMM Manager, Project Manager, Project Evaluator, Internal Auditor).

Working skills

Authoring and co-authoring 12 patents;
Detail knowledge of the particularities of electrical drives;
Professional in numerical control systems for electrical apparatus;
CAD computer-assisted design for electrical engineering;
Elaboration of funding applications for research projects;
Drawing up technical documentation for electrical equipment.

● COMMUNICATION AND INTERPERSONAL SKILLS

International activity

Cooperation in international projects (Hu, Bg) and with international participation (De, Sw, No, Es, Fr);
Communication skills acquired by holding 43 oral or online scientific presentations at national & international confs;
Good practices in the presentation at international commercial fairs and exhibitions (InnoTrans Berlin);