

PERSONAL INFORMATION



Pálma Kapitány

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Sex: Female | Date of birth: 03. 03. 1996. | Nationality: Hungarian

WORKPLACE AND POSITION

assistant lecturer

2021 – University of Miskolc, Institute of Machine Tools and Mechatronics Robert Bosch Department of Mechatronics

EDUCATION

- 2019-2021 **Mechatronics Engineer (MSc)**
University of Miskolc , Faculty of Mechanical Engineering and Informatics
- 2015-2019 **Mechatronics Engineer (BSc)**
University of Miskolc , Faculty of Mechanical Engineering and Informatics
- 2010-2015 **General Certificate of Secondary Education**
István Bocskai Secondary Grammar School, Hajdúböszörmény

PERSONAL SKILLS

Mother Tanguage (s) Hungarian

Other language (s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
English language examination certificate (B2), combined , 2018					

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

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](#)

Programming languages : C, C++, C# basic level
 Office applications : Microsoft Office™
 Design and engineering software's: AutoCAD, AutoDesk Inventor; NX
 Simulation software's : Sc ilab,
 Microcontroller programming : PSoC Creator, Arduino IDE

Driving licence B category driving license

ADDITIONAL INFORMATION

Major publications

Péter Kondás, Pálma Kapitány: Balancing Control of a Motorcycle, Pollack Periodica: an International Journal for Engineering and Information Sciences, Vol. 18 1 pp 167-171 (2023), DOI: 10.1556/606.2022.00612

Kapitány Pálma: Mérőeszköz fejlesztése állandó mágneset tartalmazó elektromágnes vizsgálatához, XXVI. Tavaszi Szél Konferencia 2023: Tanulmánykötet I., pp 54-58 (2023), ISBN: 9789633583289

Pálma Kapitány: Design and Build Prototype of Automatic Curtain Moving System, Design of Machines and Structures, Vol.12, pp 86-95 (2022), DOI: 10.32972/dms.2022.017

Pálma Kapitány, József Lénárt: Designing os a BLDC motor bench, Design of Machines and Structures, Vol. 10, No. 2 (2020), pp. 35–40. Doi: 10.32972/dms.2020.011

Pálma Kapitány, József Lénárt: Control of a cable robot on PSOC cypress platform, Design of Machines and Structures, Vol. 10, No. 1 (2020), pp. 20-27. Doi: 10.32972/dms.2020.003

P. Kapitány, J. Lénárt: Kinematics and Control of a Planar Cable Robot, International Journal of Engineering and Management Sciences (IJEMS) Vol. 4. (2019). No. 1 DOI: 10.21791/IJEMS.2019.1.12.

László Dudás, Máté Bíró, László Lajos Novák, Pálma Kapitány: Spatial rotary combustion engine, ISCAME 2019, ISBN 978-963-490-168-6 (pp. 33-34)

László Dudás, Pálma Kapitány: Design, modeling and manufacturing analysis of a new rotary combustion engine, 19th International Carpathian Control Conference (ICCC) 2018

Pálma Kapitány, József Lénárt: Kinematics and Control of a Cable Plenar Robot, ISCAME 2018

László Dudás, Pálma Kapitány: Combustion chamber and fuel mixture motion analisys of a new rotary engine, ISCAME 2017, ISBN: 987-963-473-304-1 (pp. 123-128)

Project 2018 – 2020 Participant of the EFOP 3.6.1 16 2016 00011, „Fiatalodó és megújuló Egyetem Innovatív tudásváros” project

Honours and awards

- 2021 Gold medallion for Studying Hard
- 2020 ÚNKP (Új Nemzeti Kiválóság Program) scholarship
- 2020 OTDK Conference 1st place
- 2019 Start ME up! 1st place
NFÖ (Nemzeti Felsőoktatási Ösztöndíj) scholarship
Silver medallion for Studying Hard
- 2017 Bronze medallion for Studying Hard

Memberships

2018 – 2019 Terplán Zénó Vocational College