

Articole științifice publicate

1) ANALYSIS OF A RESIDENTIAL PHOTOVOLTAIC SYSTEM

Anca-Adriana Petcuț-Lasc, Valentina Emilia Bălaș, Flavius-Maxim Petcut
PROCEEDINGS of the XIV International Conference on Industrial Engineering and Environmental Protection IIZS 2024

Technical Faculty "Mihajlo Pupin" Zrenjanin, October 3-4, 2024, Zrenjanin, Serbia

<http://www.tfzr.uns.ac.rs/iizs/files/IIZS2%202024%20Proceedings.pdf>

ISBN 978-86-7672-376-8

<https://doi.org/10.46793/IIZS24.198PL>

2) Message Scheduler for a Cryptographic Application

Authors: **Anca-Adriana Petcuț-Lasc**, Raul Rotar

Advisor: Flavius-Maxim Petcuț

International Students Conference StudMath-IT 2024

21-22 November 2024, Arad, Romania

Book of Extended Abstracts [https://studmathit-uav.ro/wp-](https://studmathit-uav.ro/wp-content/uploads/2025/01/StudMathIT2024-Book_Of_Abstracts_FinalVersion_.pdf)

[content/uploads/2025/01/StudMathIT2024-Book_Of_Abstracts_FinalVersion_.pdf](https://studmathit-uav.ro/wp-content/uploads/2025/01/StudMathIT2024-Book_Of_Abstracts_FinalVersion_.pdf)

Full paper submission on press

3) Performance Evaluation of a Residential Photovoltaic System in Matlab Simulink

Anca-Adriana Petcuț-Lasc, Valentina-Emilia Bălaș, Flavius-Maxim Petcuț, Raul Rotar, Daniel Alexuță

2025 IEEE 23rd World Symposium on Applied Machine Intelligence and Informatics (SAMI)

22-24 January 2025, Stará Lesná, Slovakia

<https://ieeexplore.ieee.org/abstract/document/10883312>

pages 435-440

<https://doi.org/10.1109/SAMI63904.2025.10883312>

Data

11 Martie 2025, Arad, Romania

Petcuț-Lasc Anca-Adriana