

MEMORIU ȘTIINȚIFIC
Drd. MATACHE (VLAD) Helena Flory Constanta

Studii de doctorat

Perioada: 2020-2025

Conducător științific: Prof.dr.ing. SEVERIN Irina

Domeniu: Inginerie Industrială

Titlul tezei de doctorat: Contribuții privind optimizarea proceselor în tranziția către o organizație SMART

Activitate științifică

A. Lista de lucrări științifice (articole în reviste sau volume)

1. Helena Flory VLAD , Irina SEVERIN (2022) *Business Processes Approaches in the Context of Transition to the Concept of Industry 4.0 (Quality 4.0)* Quality Challenge, ISBN: 978-83-67287-33-3 DOI 10.48226/978-83-67287-33-3, Wydawnictwo Rys Tomasz Paluszyński, https://www.researchgate.net/publication/370654100_Quality_Challenges, pag.279-305
2. Flory VLAD, Irina SEVERIN (2022) *Management Through Processes in Smes Using Quality 4.0* ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING Vol. 65 Issue 4 pag, 1432-1438 Special Issue SI, Published DEC 2022 Indexed 2023-05-06, ISSN 1221-5872, Article WOS:000969679100061
3. Flory Vlad*, Irina Severin „*Analysis and Identification of Potential Improvement Factors of a Company towards the Concept of Quality 4.0*”, European Journal of Business and Management Research, 8(5), 146-153, 2023
4. Flory VLAD, Irina SEVERIN (2023) *A method for implementing Quality 5.0 within asustainable framework* „Tehnomus journal new technologies and products in machine manufacturing technologies” vol 30 2023 ISSN 1224-029X pag 15-21 <https://fim.usv.ro/wp-content/uploads/sites/9/2023/12/00.Content1.pdf>

B. Participări la conferințe/workshop-uri

1. XI National Scientific Conference and III International Scientific Conference, University of Economics in Cracow , 09-10 Iunie 2022, hybrid conference
2. IManEE 2022: 26th International Conference of Innovative Manufacturing Engineering & Energy, Gheorghe Asachi Technical University of Iasi, November 17-19, 2022
3. Digital 4 PPP (People Planet Performance) Workshop, European University EELISA, 23-24 November 2023
4. Blended Intensive Programme QUALITY4PPP, National University of Science and Technology POLITEHNICA Bucharest, 19-30 May 2025

C. Stagii de perfecționare

1. 2022-2023 Stagiul de cercetare aplicată de 120 de ore la Societatea Comercială Electrotehnica Echipamente Electrice SA

D. Cursuri de perfecționare

1. Training pedagogic adresat studenților la doctorat și postdoctorat, dna profesor Cristina Tripon, dna profesor Marilena Dogaru (2022)
2. Training Open Science și valorificarea rezultatelor cercetării, dnul profesor Ionescu Nicolae (2023)
3. Cyber Security Auditor (RQM-Certification) (2025)
4. Fundamentals of Data Analysis with Python (Bittnet Training) (2025)

Student-doctorand

MATACHE (VLAD) Helena Flory Constanta