

LISTA LUCRĂRILOR

Asist. univ. dr. ing Bogdan Nita

PREZENTARI LA CONFERINTE

1. **Conferință OPROTEH 2023**, The 18th, International Conference of Constructive Design and Technological Optimization in Machine Building Field, *THE INFLUENCE OF THE PROCESSING ENVIRONMENT ON THE SURFACE QUALITY CHARACTERISTICS ON NON – FERROUS MATERIALS*
2. **Conferință OPROTEH 2024**, The 19th, International Conference of Constructive Design and Technological Optimization in Machine Building Field, *THE IMPORTANCE OF CRYOGENIC ASSISTED MILLING ON SURFACE QUALITY OF AEROSPACE ALLOYS*
3. **Conferință OPROTEH 2025**, The 20th, International Conference of Constructive Design and Technological Optimization in Machine Building Field, *INFLUENCE OF TEMPERATURE OF THE WORKPIECE PROCESSED BY MILLING ON SURFACE ROUGHNESS*
4. **Conferință OPROTEH 2026**, The 21st International Conference of Constructive Design and Technological Optimization in Machine Building Field, *COMPARATIVE STUDY OF FILLING SHAPES AND 3D PRINTING PARAMETERS ON THE PERFORMANCE OF PLA SAMPLES*
5. **INNOVATION AND DOCTORAL RESEARCH CONFERENCE 2023**, *INFLUENȚA MEDIULUI DE PRELUCRARE ASUPRA CARACTERISTICILOR DE CALITATE A SUPRAFEȚEI LA MATERIALE NEFEROASE*
6. **INNOVATION AND DOCTORAL RESEARCH CONFERENCE 2024**, *THE INFLUENCE OF CUTTING PARAMETER ON SURFACE QUALITY GENERATED BY MILLING*

ARTICOLE PUBLICATE ÎN REVISTE INDEXATE ISI

1. Oana Ghiorghe, Carol Schnakovszky, Eugen Herghelegiu, Maria Crina Radu, Bogdan Alexandru Chirita, Nicolae Catalin Tampu, **Bogdan Nita**, Petrica Radu, *Influence Of The Electrode Material On Electrical Discharge Machining Process Performance*, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, **2024**, 25 (1), pp. 071 – 090, ISSN 1582-540X, WOS:001196254200005.
2. **Bogdan Nita**; Raluca Ioana Tampu; Catalin Tampu; Bogdan Alexandru Chirita; Eugen Herghelegiu; Carol Schnakovszky, Review regarding the influence of cryogenic milling on materials used in aerospace industry, J. Manuf. Mater. Process. 2024, 8(5), 186; <https://doi.org/10.3390/jmmp8050186>.
3. **Bogdan NIȚĂ**, Carol SCHNAKOVSKY, Eugen HERGHELEGIU, Bogdan CHIRITA, Raluca Ioana TAMPU, Catalin TAMPU, *Influence of cutting parameters on surface quality of al7075 alloy under dry and ln2 cooling conditions* <https://atna-mam.utcluj.ro/index.php/Acta/article/view/2781>

ARTICOLE PUBLICATE ÎN REVISTE INDEXATE BDI

1. Oana-Georgeta Ghiorghe, Carol Schnakovszky, Maria-Crina Radu, Catalin Nicolae Tampu, **Bogdan Nita**, *A Review Of The Recent Research Activities In The Field Of Electrical Discharge Machining*, Journal of Engineering Studies and Research – Volume 30 (2024) No. 1, <https://doi.org/10.29081/jesr.v30i1.004>.
2. **Bogdan Nita**, Carol Schnakovszky, Raluca Tampu, Nicolae Catalin Tampu and Eugen Herghelegiu, *A Review Regarding Cooling Techniques in the Turning, Milling and Cutting Process*, BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI. Secția Matematică. Mecanică Teoretică. Fizică, Volume 68 (2022): Issue 1 (March 2022), DOI: <https://doi.org/10.2478/bipmf-2022-0003>,

Data completării,
15.10.2026

Semnătura,
Asist. univ. dr . ing. Bogdan Nita