

**Listă lucrări științifice publicate**

- **Elena Luminița OLTEANU**, Daniel Petru GHENCEA, Claudiu-Florinel BÎȘU (2015). *The milling moments prediction using an neural network model.*, Scientific Bulletin, Series D: Mechanical Engineering, Vol. 77, Iss. 4, ISSN (print): 1454-2358, (online): 2286-3699, categoria B+, Indexat:Elsevier, Scopus, Ulrichs, Metadex, Cambridge;
  
- **Elena Luminița OLTEANU**, Claudiu-Florinel BÎȘU (2015). *Determination of the cutting moments at teeth tip in the case of the milling cutter with multiple teeth.* Applied Mechanics and Materials, Vol. 772, pp 240-244, Trans Tech Publications, Switzerland. doi:10.4028/www.scientific.net/AMM.772.240;
  
- **Elena Luminița OLTEANU**, Claudiu-Florinel BÎȘU (2015). *Application of torsor central axis in milling process.* Conference Proceedings of the Academy of Romanian Scientists PRODUCTICA Scientific Session, Volume 7, Number 1, ISSN 2067 – 2160, Editura Oamenilor de Știință din România, București;
  
- **Elena Luminița OLTEANU**, (2015). *Importanța modelării tridimensionale în prelucrarea materialelor.* Conferința (VI) “Impactul transformărilor socio-economice și tehnologice la nivel național, european și mondial”, Nr.6/2015, Vol.6, Institutul de Economie Mondială, București;
  
- Th. Loredana PAUN, Valeriu AVRAMESCU, R. Magdalena NITA; Daniel BOBE, Sebastian ROSULESCU, **Elena Luminita OLTEANU**, Marius MANEA (2014) *Integrated Technological System For Thermal Spraying HVOF Process*, HIDRAULICA No. 3, pp.59-65, ISSN 1453–7303, Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics;
  
- Valeriu AVRAMESCU, **Elena Luminita OLTEANU**, Loredana Th. PAUN, R. Magdalena NITA, Daniel BOBE, Sebastian ROSULESCU, Marius MANEA (2014). *General Methodology Of Working With Hvof Integrated Technological System*, HIDRAULICA No. 3, pp.46-51, ISSN 1453–7303, Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics;
  
- Claudiu-Florinel BÎȘU, **Luminița OLTEANU**, Miron ZAPCIU (2013), *Analiza dinamică a procesului de aşchiere la strunjire si frezare*, Editura BREN,179 pagini, ISBN 978-606-610-067-0, COD CNCIS 96;
  
- **Elena Luminița OLTEANU**, Raynald LAHEURTE, Philippe DARNIS and Claudiu Florinel BÎȘU (2013), *Determining the position of cutting tool in drilling for analysis of mechanical actions*, Applied Mechanics and Materials, Volumes 325–326, pp. 1382-1386, DOI:10.4028/www.scientific.net/AMM.325-326.1382, Indexat: Elsevier, SCOPUS, ISI, Cambridge Scientific Abstracts, Google Scholar;

- **Elena Luminița OLTEANU**, Claudiu-Florinel BÎȘU, Ioan Tănase, (2013), *Determination of Power Consumption in Milling*, U.P.B. Scientific Bulletin, Series D, Vol. 75, Iss. 4, pp. 211-220, Editura Politehnica Press, ISSN 1454-2358, COD CNCSIS 102, categoria B+, Indexat: Elsevier, Scopus, Ulrichs, Metadex, Cambridge;

- Claudiu BISU, **Elena Luminița OLTEANU**, Raynald LAHEURTE, Philippe DARNIS, Olivier CAHUC (2013), *Experimental approach on torsor dynamic analysis for milling process monitoring and diagnostic*, Procedia CIRP ICME '12 - 8th CIRP Conference on intelligent computation in manufacturing engineering, Elsevier (**ISI**), Proceedings paper, Vol.12, pp. 73-78, ISSN: 2212-8271, DOI:10.1016/j.procir.2013.09.014. Indexat: Science Direct, EJC Search, Journal TOCs;

- Claudiu BISU, **Elena Luminița OLTEANU**, Constantin MINCIU and Miron ZAPCIU (2013), *Torsor Evaluation of the Tooth During the Milling Process*, Journal of Applied Mechanics and Materials, vol.186, pp. 194-199, Proceedings paper, DOI: 10.4028/www.scientific.net/AMM.186.194, Indexat: Elsevier, SCOPUS, **ISI**, Web of Science, Cambridge Scientific Abstracts, Google Scholar;

- Claudiu-Florinel BÎȘU, **Elena Luminița OLTEANU**, Raynald LAHEURTE, Philippe DARNIS, (2011), *Dynamic analysis on cutting torsor during the milling process*, International Science And Technology Conference –ISTEC 2011, ISSN 2146-7382, pp.225-230, Istanbul, Turkey;

- Robin ARBONA, **Elena Luminița OLTEANU** (2010), *Diagnose equipment specialized in vibro-acoustics*, Conference Proceedings of the Academy of Romanian Scientists, PRODUCTICA Scientific Session, Vol. 2 No.1, ISSN 2067 – 2160, 23rd April – 2010, Bucharest, Romania;

- Constantin MINCIU, Florina CHISCOP, **Elena Luminița OLTEANU**, Andra Elena LIȚĂ (2010), *Cutting tools durability as a simulation parameter in discrete material flow management*, Annals of DAAAM for 2010 & Proceeding of the 21st international DAAAM Symposium Vol. 21, No. 1, ISSN 1726 – 9679, ISBN 978-3-901509-73-5, **ISI**, 20-23 October 2010, Croația.