

2009 Scientifics papers

1. **Benga, G.**, Ciupitu, I. *Influence of coating and tool geometry on the tool life, chapter 91*, pp. 931-938, DAAAM International Scientific Book 2009 Vol. 8, ISSN 1726-9687, ISBN 978-3-901509-71-1, Editor: B. Katalinic, hard cover, Publisher DAAAM International Vienna, Vienna, (CSA indexed book)
2. **Benga, G.**, Ion Ciupitu, Alexandru Stanimir, *Correlation between cutting forces and tool wear when thread tapping AISI P20 hardened steel*, Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium, Volume 20, No.1, ISSN 1726-9679, ISBN 978-3-901509-70-4, Published by DAAAM Int. Vienna, pg.1753-1754, 2009
3. **Ciupitu, I.**, G. Benga, A. Ionescu, I. D. Savu., *The Optimization of the Process of Compacting Iron, Cast Iron and Cooper Powder Mixtures*, RoPM 2009 – 4th International Conference on Powder Metallurgy, Cluj-Napoca, July 8-11 2009, pg.93.
4. **Coman D.**, *A Petri Net-based Model for the Attacking Soccer Robots*, Proceedings of the 10th WSEAS International Conference on AUTOMATION and INFORMATION (ICAI'09), 23-25 March 2009, Prague, p. 186 – 191, ISSN 1790-5117, ISBN 978-960-474-064-2.
5. **Coman D.**, Ionescu A., Florescu M., *Manufacturing System Modeling Using Petri Nets*, Recent Review – Technical results of our research, Univ. Braşov, ICEEMS, 26 - 27 November 2009, Brasov, Vol. 10, no. 3(27), p. 207 - 212, ISSN 1582-0246.
6. **Coman D.**, Ionescu A., *Performance Evaluation of a Flexible Manufacturing System using Timed Petri Nets*, Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation", 25 – 28 November 2009, Viena, p. 1815-1817, ISSN 1726-9679, ISBN 978-3-901509-70-4, Published by DAAAM International Vienna.
7. **Coman D.**, *Mobile Robot Path Tracking Using Fuzzy Logic*, Proceedings of the 13th WSEAS Multiconference CSCC (CSCC '09) CIRCUITS, SYSTEMS, COMMUNICATIONS AND COMPUTERS, 22-24 July 2009, Greece, p. 506 – 510, ISSN 1790-2769, ISBN 978-960-474-097-0.
8. **Gingu, O.**, Lupu, N., Tanasescu, S., Rotaru, P., Harabor, A., Mangra, M., Ciupitu, I., Sima, G., Olei, A., Bucse, I., *Spark Plasma Sintering Behavior Of Ceramic Biocomposites Based On Hydroxyapatite Nanopowders*, European Powder Metallurgy congress EUROPOM 2009, 12-14 oct. 2009, Copenhagen, Denmark, vol 3, p.103-108 (EPMA auspices)
9. **Nicolicescu C.**, Gavrilă M., Stefan I., *Researches concerning the mechanical alloying process of the W-Cu composite powders*, EUROPOM 2009 Congress & Exhibition, Denmark, vol.2 pag.199-204, ISBN 978 1 899072 07 1.
10. **Pascu, I.**, Popescu I., *Research about roughness for mating members of a cylindrical fine fit after turning with small cutting feeds*, Revista RECENT, Industrial Engineering Journal, vol.11.no.3, 2009, ISSN 1582-0246, categ. B+, site: <http://www.recentonline.3x.ro/>.
11. **Pascu, I.**, Popescu, I., Stanimir, Al., *Research about Roughness after Turning with Small Cutting Feeds*, Anals of the Oradea University, Fascicle of Management and Technological engineering, vol. VIII (XVIII), 2009, p. 1299-1308, ISSN 1583 - 0691, cotată B+ CNCSIS, site: <http://auo.fmte.rdsor.ro/>
12. **Pascu, I.**, Stanimir Al., Vida-Simiti I., *Study About Activated Sintering Of Pseudoalloys Based On Tungsten Powder*, International Congress and Exhibition, EPMA PM2009, Copenhaga, Denmark, ISBN 978-1-899072-29-3.
13. Popescu I., **Pascu, I.**, *Aesthetic Surfaces based on Archimedes Circles and Spirals Generating by Vibro-rolling*, Fascicle of Management and Technological engineering, vol. VIII (XVIII), 2009., p.1340-1349, cotată B+ CNCSIS, ISSN 1583 - 0691, site: <http://auo.fmte.rdsor.ro/>
14. Popescu I., **Pascu, I.**, *Aesthetic surfaces based on epicycloids and orthocycloids, generated by vibro-rolling*, Revista RECENT, Industrial Engineering Journal, vol.11.no.3, 2009, ISSN 1582-0246, categ. B+, site: <http://www.recentonline.3x.ro/>.
15. **Sima, G.**, Gingu, O., Mangra, M., *Comparative Wear Behaviour of the Antifriction Al-Based Composite Materials Sintered by Classic and Spark Plasma Sintering (SPS) Route*, European Powder Metallurgy congress EUROPOM 2009, 12-14 oct. 2009, Copenhagen, Denmark, vol 3, p.125-131;
16. **Sima, G.**, Mangra, M., Gingu, O., Criveanu, M., Olei, B.A., *Influence Of The Reinforcing Elements On The Wear Behavior Of Al/(SiC+Graphite) Composites Elaborated By Spark Plasma Sintering*

Technology, 4th International Conference on powder Metallurgy RoPM2009, Craiova, Romania, July 8-11, 2009 (under the EPMA auspices), (in press)

17. Stanimir Al., **Pascu, I.**, Benga G., *Investigation of Work Conditions Influence on White Layer Formation in Hard Machining of RUL IV Bearing Steel*, Annals of the Oradea University, Fascicle of Management and Technological engineering, vol. VIII (XVIII), 2009, p. 1425-1430, cotată B+ CNCSIS, ISSN 1583 - 0691, site: <http://auo.fmte.rdsor.ro/>