

## LISTA LUCRĂRILOR PROPRII LA CARE FACE REFERIRE TEZA DE DOCTORAT

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- [1] G. Matthaeus, W. Brandl, **I. F. Secoșan**, G. Mărginean, V. Chirilă, D. Ackermann, “Standard HVOF process compared to the HVOF process for internal coating with fine powders”, International Thermal Spray Conference & Exposition, USA, Thermal Spray Crossing Borders (DVS-ASM international), p 473-476, 2008
- [2] D. Uțu, G. Mărginean, D. Buzdugan, **I. F. Secoșan**, V.A. Șerban „The influence of deposition process on corrosion and sliding wear behavior of WC-Co coatings“, Scientific Bulletin of the „Politehnica” University of Timișoara, Romania, Transactions on Mechanics, Tom 54 (68), Fasc. 2, p 11-16, ISSN 1224 – 6077, 2009
- [3] **I. F. Secoșan**, G. Mărginean, V.A. Șerban ,W. Brandl “Influence of phase composition of HVOF-sprayed WC-CoCr coatings on the sliding wear and corrosion behaviour”, Junior Euromat Conference, University of Lausanne, Switzerland 2010
- [4] C. Pogan, **I. F. Secoșan**, I. Mitelea, W. Brandl, “The influence of electron beam scanning modus on the properties of titanium surfaces alloyed with tungsten carbide powder”, International Conference ModTech, Republic of Moldova, 2011
- [5] **I. F. Secoșan**, D. Uțu, V.A. Șerban “The influence of process parameters on the characteristics of internal HVOF sprayed WC-CoCr cermet coatings“, Scientific Bulletin of the „Politehnica” University of Timișoara, Romania, Transactions of Mechanics, vol. 56 (70), Iss. 1, p 37-42, ISSN 1224 – 6077, 2011
- [6] **I. F. Secoșan**, W.Brandl, “Prüfstand für die Untersuchung des Verschleißverhaltens an Zylinder-Innenflächen“, DE Utility Model with file number 20 2011 105 181.5, Patent application with the number 10 2011 117 558.3 submitted to the German Institute for Patent and Trademark, 2011
- [7] **I. F. Secoșan**, D. Uțu, V.A. Șerban, W. Brandl “Wear Resistance of Internal WC-CoCr Coatings Produced by High Velocity Oxy-Fuel Spraying”, Solid State Phenomena vol. 188, p 416-421, Trans Tech Publication, Switzerland, 2012