

LISTA LUCRĂRILOR

CSPIII Ing.Fiz. Aurel – Valentin BÎRDEANU

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- [1] **A.-V. Bîrdeanu**, C. Ciucă, and A. Puicea, "Pulsed LASER-(micro)TIG hybrid welding: Process characteristics", Journal of Materials Processing Technology, vol. 212(4), pp. 890-902, 2012
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- [3] D. Savu, I. Ciupitu, **V. Bîrdeanu**, and S. Savu, "Laser welding of low friction nanostructured sintered composites: Technical and environmental aspects", International Journal of Microstructure and Materials Properties, vol. 5, no. 2-3, pp. 261-275, 2010
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- [1] **A.-V. Bîrdeanu**, C. Ciucă and M. Iacob, "Pulsed LASER-TIG hybrid welding of coated unalloyed steel thin sheets", BID - ISIM Welding & Material Testing, no. 2, pp. 31-34, 2011
- [2] **V. Bîrdeanu**, D. Dehelean, I. Harjan and C. Ciucă "Technological system for studying the pulsed LASER-microTIG hybrid welding process dynamics", Bulletin of the Polytechnic Institute of Iași, vol. LVI(2a), pp. 49-58, 2010
- [3] D. Savu, I. Ciupitu, **V. Bîrdeanu** and S. Savu, "Laser welding of low friction nanostructured sintered composites: technical and environmental aspects", International Journal of Microstructure and Materials Properties, vol. 5(2/3), pp. 261, 2010
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3. Cărți / Capitle de carte publicate în țară și străinătate

- [1] A. C. Murariu, A. – V. **Bîrdeanu**, R. Cojocaru, V. I. Safta, D. Dehelean, L. Boțilă, C. Ciucă “Application of Thermography in Materials Science and Engineering”, pp.27-52. Infrared Thermography, 2012
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4. Brevete OSIM

- [1] V. **Bîrdeanu**, “Pulsed LASER - TIG welding process”, A / 01292/ 2010
- [2] A. V. **Bîrdeanu**, V. Verbițchi, “System for monitoring and phase shift control for tandem pulsed LASER - TIG welding process”, A / 01291/ 2010