

Philippe Bonhôte : List of publications

Publications (all)

- Peer-reviewed journal papers

- [1] Bonhôte Ph., Gmür Th., Botsis J., Papailiou K. O. (2004), Stress and damage analysis of composite–aluminium joints used in electrical insulators subject to traction and bending, *Composite Structures*, Vol. 64, No 3-4, pp 359-367.
- [2] Wiskott A.H.W., Bonhôte Ph., Cugnoni J., Durual S., Zacchetti G., Botsis J., Scherrer S. S., Ammann P. (2011), Implementation of the “loaded implant” model in the rat using a miniaturized setup – description of the method and first results, *Clinical Oral Implant Research*, Res. 00, 2011, pp 1-8.
- [3] Balli M., Mahmed C., Bonhôte Ph., Sari O. (2011), On the magnetic forces in magnetic cooling machines: numerical calculation and experimental validation, *IEEE-Transaction on Magnetics*, Vol. 47, Issue 10, pp. 3383-3386.
- [4] Balli M., Sari O., Mahmed C., Besson Ch., Bonhôte Ph., Duc D., Forchelt J. (2011), A pre-industrial magnetic cooling system for room temperature application, *International Journal Of Refrigeration*, Accepted 2011.

- Peer-reviewed conference proceedings

- [5] Gmür Th., Botsis J., Bonhôte Ph., Papailiou, K. O., Obrist K., Mandanis G. (2003), Stress Analysis and Acoustic Emission Studies on Aluminium Composite Joints Subjected to Bending, *3rd International Conference on NDT of the Hellenic Society for NDT (HSNT) (Eds. HSNT G.C. Papanicolau)*, Chania, Greece, Oct, 2003, pp. 22-27.
- [6] Preneloup A., Bonhôte Ph., Gmür Th., Botsis J., and Papailiou K. O. (2006), Experimental and numerical strength analysis of mixed metal-composite crimped or adhesively bonded joints, *Proceedings of the 3rd International Conference on Composites Testing and Model Identification CompTest 2006 (Eds. P. Camanho, F. Pierron, M. Wisnom)*, Porto, Portugal, April 10-12, 2006, University Press, Porto, Paper P9, pp. 25-26.
- [7] Preneloup A., Gmür Th., Botsis J., Papailiou K. O., Obrist K., and Bonhôte Ph. (2007), Acoustic emission inspection and analysis of crimped metal-composite joints subjected to bending, *Proceedings of the 4th International Conference on Non-Destructive Testing (Ed. I. N. Prassianakis)*, Chania (Crete), Greece, October 11-14, 2007, Hellenic Society of Non-Destructive Testing, Athens, Paper 5-2, 8 p.
- [8] Sari O., Balli M., Trottet G., Bonhôte Ph., Egolf P.W., Muller C., Heitzler J.C., Bour S. (2009), Initial results of a test-bed magnetic refrigeration machine with practical running conditions, *Proceedings of the 3d International Conference on Magnetic refrigeration at room temperature, (Ed. IIF-IIR)*, DesMoines (USA), May 5-15, 2009, Vol. 2009-3, sect. 3, pp. 371-380.
- [9] Sari O., Balli M., Mahmed C., Besson Ch., Bonhôte Ph., Forchelet J. (2010), A magnetic cooling machine for domestic application, *Proceeding of the 23th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems, (Ed. Ecos2010.ch)*, Lausanne (CH), June 14-17, 2010, Vol. 2010-3, pp. 115-121.