

Jméno, příjmení, titul žadatele: Petr Homola, ing.

Seznam publikovaných prací:

- [P1] KARLÍK, M. – HOMOLA, P. – SLÁMOVÁ, M.: Accumulative Roll Bonding: First Experience with a Twin-Roll Cast AA8006 Alloy. *J. Alloys Comp.*, 2004, vol. 378, p. 322-325.
- [P2] SLÁMOVÁ, M. – HOMOLA, P. – KARLÍK, M. – CIESLAR, M. – ČÍŽEK, J.: Ultra-Fine Grained Aluminium Sheets Prepared by Accumulative Roll Bonding. In: Švejcar, J., et al. (eds). *Int. Conference Nano' 04 (Brno)*, ČSNMT Praha, 2004, p. 73-78.
- [P3] SLÁMOVÁ, M. – HOMOLA, P. – KARLÍK, M. – ČÍŽEK, J. – PROCHÁZKA, I. – CIESLAR, M.: Accumulative Roll Bonding of Continuously Cast Al Sheets. In: Gundlach, C., et al. (eds): *Evolution of Deformation Microstructures in 3D (Riso)*, Roskilde Denmark, 2004, p. 521- 526.
- [P4] SLÁMOVÁ, M. – HOMOLA, P. – SLÁMA, P.: Textures in ARB Processed Aluminium Sheets. In: Švejcar, J., et al. (eds). *Int. Conference Nano' 05 (Brno)*, ČSNMT Praha, 2005, p. 271-276.
- [P5] SLÁMOVÁ, M. – HOMOLA, P. – CIESLAR, M.: Impact of Rolling Technology on Microstructure, Mechanical Properties and Thermal Stability of High Purity Al Sheets. In: Švejcar, J., et al. (eds). *Int. Conference Nano' 05 (Brno)*, ČSNMT Praha, 2005, p. 265-270.
- [P6] HOMOLA, P. – SLÁMOVÁ, M. – KARLÍK, M. – ČÍŽEK, J. – PROCHÁZKA, I.: Effect of the Temperature of Accumulative Roll Bonding on the Microstructure and Properties of Twin-Roll Cast AA 8006 Alloy. *Mater. Sci. Forum*, 2006, vols. 503-504, p. 281-286.
- [P7] SLÁMOVÁ, M. – HOMOLA, P. – SLÁMA, P. – ČÍŽEK, J. – PROCHÁZKA, I. – CIESLAR, M.: Microstructure, Texture and Property Changes of High Purity Aluminium during Accumulative Roll Bonding and Conventional Rolling. *Mater. Sci. Forum*, 2006, vols. 503-504, p. 711-716.
- [P8] KARLÍK, M. – SLÁMOVÁ, M. – HOMOLA, P. – SLÁMA, P. – CIESLAR, M.: Accumulative Roll-Bonding (ARB) of Sheets of Aluminium and its Commercial Alloys AA8006 and AA5754 at Ambient and Elevated Temperatures. *Mater. Sci. Forum*, 2007, vols. 546-549, p. 767-774.
- [P9] SLÁMOVÁ, M. – HOMOLA, P. – SLÁMA, P. – KARLÍK, M. – CIESLAR, M. – OHARA, Y. – TSUJI, N.: Accumulative Roll Bonding of AA8006, AA8011 and AA5754 Sheets. *Mater. Sci. Forum*, 2006, vols. 519-521, p. 1227-1232.
- [P10] HOMOLA, P. – SLÁMOVÁ, M. – SLÁMA, P. – OČENÁŠEK, V. – CIESLAR, M.: Accumulative Roll Bonding of Aluminium Sheets at Cryogenic Temperature. In: Švejcar, J., et al. (eds). *Int. Conference Nano' 06 (Brno)*, ČSNMT Praha, 2006, p. 202-205.
- [P11] SLÁMOVÁ, M. – HOMOLA, P. – SLÁMA, P. – OČENÁŠEK, V. – CIESLAR, M.: Effect of Strain Rate on the Strengthening of Accumulative Roll Bonded AlMg3 Sheets. In: Švejcar, J., et al. (eds). *Int. Conference Nano' 06 (Brno)*, ČSNMT Praha, 2006, p. 63-38.