

## Publications

### Papers in Referred Journals

- 1- N. Saheb, T.C. Yoong, Processing and Characterization of New Nanocrystalline Al<sub>2</sub>O<sub>3</sub>-Fly Ash Composites, in press, *International Journal of Microstructure and Materials Properties*, 2008, (Inderscience, UK).
- 2- F. Sahnoune, M. Chegaar, N. Saheb, P. Goeuriot, F. Valdivieso, Algerian Kaolinite used for Mullite formation, *Applied Clay Science*, 38 (2008) 304-310. (Elsevier).
- 2- F. Sahnoune, M. Chegaar, N. Saheb, P. Gueuriot, F. Valdivieso, Differential Thermal Analysis of Mullite Formation from Algerian Kaolin, *Advances in Applied Ceramics*, 107 (2008) 9-13. (Maney Publications, Institute of Materials, Minerals and Mining, UK).
- 4- N. Saheb, C.Y. Chia, PM Processing and Characterization of New ZrO<sub>2</sub>-Fly Ash Composites, *Powder Metallurgy*, 2007, Vol. 50, pp: 60-65, (Maney Publications, Institute of Materials, Minerals and Mining, UK).
- 5- N. Saheb, P.T. Meng, A.R. Daud, Compaction and Sintering Behaviour of A356-Fly Ash Composites: a preliminary investigation. *Powder Metallurgy*, 2007, vol. 50, pp: 54-59, (Maney Publications, Institute of Materials, Minerals and Mining, UK).
- 6- M. Heraiz, A. Merrouche, N. Saheb, Effect of MgO Addition and Sintering Parameters on Mullite Formation Through Reaction Sintering Kaolin and Alumina, *Advances in Applied Ceramics*, 2006, Vol. 105, pp: 285-290. (Maney Publications, Institute of Materials, Minerals and Mining, UK).
- 7- N. Saheb, Yong Choon Lan, Sol-Gel Coating of Fly Ash Powder. *Algerian Journal of Advanced Materials*, 2006, vol. 3. pp: 371-374.
- 8- F. Sahnoune, M. Chegaar, N. Saheb, Preparation of Dense Mullite from Kaolin and Alumina. *Algerian Journal of Advanced Materials*, 2006, vol. 3. pp: 367-370.
- 9- N. Saheb, T. Laoui, A. R. Daud, R. Yahaya, S. Radiman. *Philosophical Magazine A* Vol. 82, No.4 (2002) 803-814. Microstructure and Hardness behaviours of Ti-containing Al-Si alloys. (Taylor & Francis).
- 10- A. R. Daud and N. Saheb. *Japanese Journal of Applied Physics*, 2002, PT.2, Vol. 41, No. 4A pp: L405-L407. Characterisation of Phases and Lattice Parameter Measurements in the Al-Rich Corner of the Al-Si-Ti System. (The Japan Society of Applied Physics).
- 11- A. R. Daud and N. Saheb. *Journal of Materials Science and Technology* Vol. 10 No. 3 (2002) 31-38. Tensile properties of Ti-containing Al-Si Alloys. (Corral Press, Bulgaria).

12- N. Saheb, T. Laoui, A. R. Daud, M. Harun, S. Radiman, R. Yahaya. *Wear*, 2001, Vol.249, No.8, pp: 656-662. Influence of Ti addition on wear properties of Al-Si eutectic alloys. (Elsevier).

13- Saheb Nouari and Abdul Razak Daud. *Journal of Materials Science and Technology*, 2000, Vol 8, No.4, pp: 209-218. Effect of Ti and Sb Additions on Al - 10.5 wt % Si Alloy. (Corral Press, Bulgaria).

14- D. Hamana, Z. Baumerzaug, N. Saheb, *Philosophical Magazine Letters*, 1995, Vol. 72, No.6, pp: 369-374. Cellular Precipitation from Phase Boundaries in Cu- 9 wt % Sb Alloy. (Taylor & Francis).

15- N. Saheb, Z. Baumerzaug, D. Hamana, T.Laoui and O.Van DerBiest, *Scripta Materialia*, 1995, Vol.32, No.9, pp: 1453-1458. Different Types of Discontinuous Precipitation in Cu-15% wt. In Alloy. (Elsevier).

### **Papers in Referred Proceedings**

16- N. Saheb, Yong Choon Lan, Nano-coating of Fly Ash Powder, *International Conference on MEMES and Nanotechnology*, Kuala Lumpur, Malaysia, March 14-15, 2006. pp: 370-384.

17- N. Saheb, C. Y. Yang Chia, Processing and Characterization of New Nanocrystalline ZrO<sub>2</sub> based Composites. *International Conference on MEMES and Nanotechnology*, Kuala Lumpur, Malaysia, March 14-15, 2006. pp: 356-361.

18- N. Saheb, P.T. Meng, Development and Characterization of Low Cost Metal Matrix Composites: Aluminium A356-fly Ash composites. *International Advanced Technology Congress*, Dec 6-8, 2005, Putra Jaya Malaysia. pp: 23-29.

19- M. Heraiz, A. Merrouche, N. Saheb, F. Sahnoune, B. Assaous, Effect of MgO Addition on the Sintering Behaviour of Mullite Formed From Kaolin-Alumina. *International Advanced Technology Congress*, Dec 6-8, 2005, Putra Jaya Malaysia. pp: 34-41.

20- N. Saheb, Abdul Razak Daud, Redzuwan Yahaya and Shahidan Radiman. *2nd International Conference on Advances in Strategic Technologies ICAST 2000* (15-17 August) PUTRA JAYA, MALAYSIA. Effect of Ti and Sb Additions on Hypoeutectic Aluminum-Silicon Alloys. V. 1 pp: 703- 712.

21- N. Saheb, Abdul Razak Daud, Redzuwan Yahaya and Shahidan Radiman. *Malaysian Science and Technology Congress 99*, December 6-8. Thermodynamic Modelling of Phases in the Al-Si-Ti Ternary System. pp: 435-442.