

Dr. Asma Salman

Department of Metallurgy and Materials Engineering

College of Engineering and Emerging Technologies, University of the Punjab, Lahore, Pakistan

Email: asmasalman17@hotmail.com

Mobile: +92 322 2000478

List of Publications

1. A. Salman, B. Gabbitas and D. Zhang, Titanium based composite coatings deposited by high velocity oxygen fuel and plasma spraying methods. *Key Engineering Materials*, 2013. 551, 127-132
2. A. Salman, B. Gabbitas, P. Cao and D. Zhang, *The performance of thermally sprayed titanium based coatings in molten Al*. *Surface and Coatings Technology*, 2011. **205**(21-22): 5000-5008.
3. A. Salman, Brian Gabbitas and Deliang Zhang, Thermal Shock Properties of Ti(Al,O) and TiAl(O)/Al₂O₃ composite coatings, *Advanced Materials Research*, 2011, **275**: 47-50.
4. A. Salman, B. Gabbitas and D. Zhang, Thermal shock properties of Ti(Al,O)/Al₂O₃ composite coatings. In *International Conference on Structural Integrity and Failure*. 2010, Auckland, New Zealand.
5. A. Salman, B. Gabbitas, D Zhang and P Cao, Titanium aluminide/alumina composite powder and thermally sprayed coating for resistance to attack from molten aluminium. In *Proc. of SMNZI Materials Conference 2009*, 10-11 December 2009, Hamilton, New Zealand.
6. A. Salman, B. Gabbitas, J. Li and D. Zhang, *Tribological properties of thermally sprayed TiAl/Al₂O₃ composite coating*. *Materials Science and Engineering*, 2009. **4**: 012006.
7. B. Gabbitas, A. Salman, D. Zhang and P. Cao, *Review of research work on Ti-based composite coatings*. *International Journal of Modern Physics B (IJMPB)*, 2009. **23**(6-7): 1707-1712.
8. A. Salman, B. Gabbitas, P. Cao and D. Zhang, *Tribological properties of Ti(Al,O)/Al₂O₃ composite coatings by thermal spraying*. *International Journal of Modern Physics B (IJMPB)*, 2009. **23**(6-7): 1407-1412.
9. P. Cao, B. Gabbitas, D. Zhang and A. Salman, *Fabrication of bulk titanium aluminides by thermal spray*. *International Journal of Modern Physics B (IJMPB)*, 2009. **23**(6-7): 1777-1782.

10. A. Salman, A., B. Gabbitas, P. Cao and D. Zhang, D, Tribological properties of Ti (Al,O)/Al₂O₃ and TiAl/Al₂O₃ composite coatings by thermal spraying. In *The Fifth International Conference on Advanced Materials and Processing*.2008, Conference held at Harbin, China.
11. A. Salman, B. Gabbitas, D. Zhang, P. Cao and S. Raynova, *Characterisation of Ti(Al,O)/Al₂O₃ composite powders and thermally sprayed coatings*. Advanced Materials Research, 2007. **29-30**: 135-138.
12. P.Cao, B. Gabbitas and A. Salman, *Consolidation of TiAl powder by thermal spray processes*, Advanced Materials Research, 2007. **29-30**: 159-162.
13. B. Gabbitas, A. Salman, P. Cao, D. Zhang and S. Raynova, Performance of Ti(Al,O)/Al₂O₃ Composite Coatings in Molten Aluminium. The Japan institute of Metals, 3-7 June 2007. Kyoto, Japan.