

## RESEARCH PUBLICATIONS IN CONFERENCE PROCEEDINGS

- Z.Ahmad and **A. Aleem**, “ Effect of heat treatment on the corrosion resistance of Al-Mg alloy in seawater,” Proceedings of Corrosion and its Control Symposium, Riyadh, May, 16-18, 1992
- Z.Ahmad and **A. Aleem**, “ Performance of a new SiC composite in environmental chamber,” Recent Developments in Materials and Modeling, Dhahran, Nov. 11-12,1997
- Z. Ahmad, P. Paulette and **A. Aleem**,” Mechanism of localized corrosion of Al-SiC composites in chloride containing environment,” 8<sup>th</sup> MECC, NACE, Bahrain, May 18-20, 1998
- Z.Ahmad and **A.Aleem**,” Corrosion behavior of Al 6013-20 SiC(P) in neutral chloride solutions at elevated temperature,” Metal Matrix Composites VI, U.K., Nov. 26-27, 1997
- Z.Ahmad and **A.Aleem**,” Inhibition of flow induced corrosion of Al-6013-20 SiC(P)-T4 composites in 3.5 wt% NaCl solution,” 14<sup>th</sup> International Corrosion Congress, Capetown, South Africa, 26-31 Sep. 1999
- B.S.Yilbas, **A. Aleem** & Coban,” Corrosion properties of a plasma nitrided and laser melted Ti6 Al-4 V alloy,” Surface Treatment, Oxford, U.K., 15-17 July 1997
- Z. Ahmad and **A. Aleem** “ Degradation of Aluminum metal matrix composites in salt water and its control” International Conference, Advances in Production and Processing of Aluminum, 12-15 Feb. 2001, Bahrain
- Z. Ahmad and **A. Aleem**, “ Scandium alloy Al 5052- A high performance alloy for marine environment “ European Congress on Corrosion, EURO 2000, 10-14 Sept. 2000, UK
- Z. Ahmad and **A. Aleem**, “ Localized corrosion of Hypo-ectectic Al-Mg alloys and the effect of secondary phases” International conference on Corrosion ( Corrosion Odyssey), Sep. 18-20, 2001
- Z. Ahmad and **A. Aleem**,” The effect of secondary phases on the localized corrosion of hypo eutectic Al-Si-Mg composites in neutral sodium chloride solution,” Ninth

international conference on composite engineering, ICCE/9, July 1-6, 2002, San Diego - USA

- Z. Ahmad and **A. Aleem**,” Localized corrosion behavior of Al-6013-20 SiC (P) composites under controlled flow”, Tenth international conference on composite engineering, ICCE/10, July 20-26, 2003, New Orleans – USA
- Z. Ahmad and **A. Aleem**, “ Corrosion behavior of Nickel Beryllium alloys in salt water environment” International conference on application of Traditional and high performance materials in harsh environments, Jan 20-22, 2004 , American University of Sharjah, UAE
- R. Kahraman, Mamdouh Al-Harhi, Sunar and **Abdul Aleem**, “ Effect of water/moisture sorption of the mechanical performance of Aluminum filled epoxy adhesive”, International Mechanical Engineering Conference, Kuwait, December 5-8, 2004 , Kuwait
- Zaki Ahmad, **Abdul Aleem**, “ The effect of cerium chloride and sodium molybdate Treatment on the susceptibility of Al 6013/SiC interface to localized corrosion”, 16<sup>th</sup> international Corrosion Congress, Beijing, China, Sep 19-24, 2005
- Zaki ahmad and **Abdul Aleem**, “ Effect of scandium doping on the mechanical and corrosive characteristics of Al-Mg alloys’, EUROCORR 2005, September 4-8, 2005, Lisbon, Portugal
- S.U.Rahman, M.A.Abu-Hamayel, Ba-Shammak and **Abdul Aleem**, “ Electrochemically synthesized conducting polymer films as a primer for protective coatings on mild steel”, International Society of Electrochemistry – 55<sup>th</sup> Annual meeting, 19-24 September 2004, Thessaloniki
- Zaki Ahmad and **Abdul Aleem**, “Effect of Scandium doping on the mechanical and corrosive characteristics of Al-Mg-Sc alloys”, 2<sup>nd</sup> International conference on Application of Traditinal and high Performance materials in harsh environment, April 20-24, 2006, American University of Sharjah, UAE