SCHOLARLY AND CREATIVE CONTRIBUTIONS

PATENTS


PAPERS IN JOURNALS AND OTHER PUBLICATIONS


78. P. J. Gaeta, R. D. Sisson, Jr., M. Singh and J. I. Eldridge, “Interfacial Properties of As Received and Coated SiC (SCS-6) Fiber Reinforced Reaction Formed SiC Matrix Composites”, presented at the


151. Aparna S. Varde, Elke A. Rundensteiner, Carolina Ruiz, Mohammed Maniruzzaman and Richard D. Sisson, Jr., “Learning Semantics-Preserving Distance Metrics for Clustering Graphical Data”, The Eleventh ACM SIGKDD International Conference on Knowledge Discovery and Data Mining,


204. O. Karabelchtchikova, R.D. Sisson, Jr., Gas Consumption and Cost Model Optimization of the Gas Carburizing ‘Boost’ Stage (waiting on final CAT approval of the manuscript), then will submit to Metallurgical Transactions together with Part 1.


PRESENTATIONS

1. R. D. Sisson, Jr., and M. A. Dayananda, "Multiphase Diffusion in the Cu-Ni-Zn System", Spring Meeting of the AIME, May 1971, Atlanta, GA.

2. R. D. Sisson, Jr., and M. A. Dayananda, "Multiphase Diffusion in Cu-Ni-Zn Alloys", Fall Meeting of the AIME, October 1974, Detroit, MI.


17. R. D. Sisson, Jr., "Corrosion Due to Acid Rain", presented at the Greater Boston Section of the National Association of Corrosion Engineers, Newton, MA, September 26, 1984.

18. S. A. Blair and R. D. Sisson, Jr., "Corrosion Due to Acid Rain", presented at the Society for Engineering Science, Annual Meeting, October 15-17, 1984 in Blacksburg, VA.


34. M. M. Makhlouf and R. D. Sisson, Jr., "Hydrogen Uptake During Cadmium Electroplating", presented at the Annual Meeting of the Electrochemical Society held October 9-14, 1988 in Chicago, IL.


39. R. D. Sisson, Jr., "Corrosion Due to Acid Rain", Rhode Island Chapter of the ASM International and the Boston Chapter of the National Association for Corrosion Engineers, Joint Meeting, March 7, 1990, Seekonk, MA.

41. K. A. Macchiarola and R. D. Sisson, Jr., "Steam Autoclave Testing of Metallized Aluminum Nitride for Electronic Device Applications", NACE Meeting, Fall '90, Newport, RI.

42. R. D. Sisson, Jr., "Modeling the Carburization of Steel", seminar at Pratt & Whitney Aircraft, East Hartford, CT., August 11, 1989.


61. R. D. Sisson, Jr. "Design and Materials" Tufts University School of Veterinary Medicine, Phi Zeta/Alpha Beta Chapter Honor Society, Initiation Ceremony, guest speaker, May 7, 1993.


71. P. J. Gaeta and R. D. Sisson, Jr., “Interfacial Properties of As - Received and Coated SiC (SCS-6) Fiber, Reinforced Reaction Formed SiC Matrix Composites, presented at the Symposium on Diffusion and Reaction in Composites, R. D. Sisson, Jr., M. Uz, J. E. Morral, organizers at ASM International - Materials Week, October 2-6, 1994, Rosemont, Illinois.


78. R. D. Sisson, Jr.,“Internet Applications in Manufacturing”, The Second Technical Conference on Telecommunications R&D in Massachusetts, presented at the University of Massachusetts at Lowell, March 12, 1996.


95. R. D. Sisson, Jr., ÓHCF of Titanium Alloys-Mean Stress Sensitivity”, presented at AFOSR Structural Metals Workshop, August 22-24, 1996, Bar Harbor, ME.


