

Selected Publications and Presentations on Coupled Multielectrode Sensors:

(1) Cooling Water Monitoring Using Coupled Multielectrode Array Sensors and Other On-line Tools, Michael H. Dorsey (DuPont Sabine River Works); Lietai Yang and Narasi Sridhar (Southwest Research Institute) CORROSION/2004, paper no. 04077, Houston, Texas: NACE International.

(2) Use of Multi-array Sensor for Detecting Microbially Influenced Corrosion (in cooling water), P. Angell and K. McQuade (Atomic Energy of Canada Limited) Presented to the Workshop on On-Line Sensors for Localized Corrosion Monitoring, NACE International TEG 100X Committee, March 31, 2004, New Orleans, LA.

(3) Field Application of Coupled Multielectrode Array Sensors for Corrosion Monitoring in the Cooling Water System of a Chemical Plant, Michael H. Dorsey (DuPont Engineering Technology) Presented to the Workshop on On-Line Sensors for Localized Corrosion Monitoring, NACE International TEG 100X Committee, March 31, 2004, New Orleans, LA.

(4) Real-Time Corrosion Monitoring in a Process Stream of a Chemical Plant Using Coupled Multielectrode Array Sensors. Yang, Lietai, Narasi Sridhar (Southwest Research Institute), Steven L. Grise, Brian J. Saldanha, Michael H. Dorsey, Heather J. Shore, and Amanda Smith (EI DuPont de Nemours & Co). 2004. CORROSION/2004, paper no. 04440, Houston, Texas: NACE International.

(5) On-Line Monitoring of Corrosion under Cathodic Protection Conditions Utilizing Coupled Multielectrode Sensors -04094, Xiaodong Sun (Corr Instruments, LLC), 2004. CORROSION/2004, paper no. 04094, Houston, Texas: NACE International.

(6) On-Line Monitoring of Undercoating Corrosions Utilizing Coupled Multielectrode Sensors - 04033, Xiaodong Sun (Corr Instruments, LLC), 2004. CORROSION/2004, paper no. 04033, Houston, Texas: NACE International.

(7) Laboratory Comparison Of Coupled Multielectrode Array Sensors With Electrochemical Noise Sensors For Real-Time Corrosion Monitoring, Lietai Yang, Narasi Sridhar, Darrell S. Dunn and C. Sean Brossia, CORROSION/2004, paper no. 04429, Houston, Texas: NACE International.

(8) Coupled Multielectrode Online Corrosion Sensor (review). Yang, Lietai, and Narasi Sridhar. 2003.. *Materials Performance*. Vol. 42, No. 9. pp. 48–52.

(9) Monitoring of Localized Corrosion, Yang, Lietai, and Narasi Sridhar. 2003. in **ASM Handbook, Volume 13A-Corrosion: Fundamentals, Testing, and Protection**, Stephen. D. Crammer and Bernard S. Covino, Jr., eds. ASM International, Materials Park, Ohio, pp. 519–524.

(10) Corrosion Behavior of Carbon Steel and Stainless Steel Materials under Salt Deposits in Simulated Dry Repository Environments. Yang, L., R.T. Pabalan, L. Browning, and D.S. Dunn. 2003. in Scientific Basis for Nuclear Waste Management XXVI, R. J. Finch and D. B. Bullen, eds, Warrendale, Pennsylvania: Materials Research Society, M.R.S. Symposium Proceedings, Vol. 757. pp. 791–797.

(11) An *In-situ* Galvanically Coupled Multielectrode Array Sensor for Localized Corrosion. Yang, L., N. Sridhar, O. Pensado, and D.S. Dunn. 2002. *Corrosion*. Vol. 58. pp. 1,004–1,014.

(12) Evaluation of Corrosion Inhibitors in Cooling Water Systems Using a Coupled Multielectrode Array Sensor. Yang, L., and D. Dunn. 2002. CORROSION/2002, paper no. 02004, Houston, Texas: NACE International.