

*Preliminary List of Speakers*

**2004 Gordon Research Conference on Aqueous Corrosion**

**Chairman: John R. Scully**

**Vice-chairman: Philippe Marcus**

1. *"Effect Of Additives On Deposition and Corrosion: Vibrational Spectroscopic Measurements,"* Andrew A. Gewirth, Department of Chemistry, University of Illinois at Urbana-Champaign, IL 61801, USA.
2. *"Mechanisms of Corrosion Inhibition by Polyaniline and Ion-Exchange Pigments,"* Neil McMurray, University of Wales-Swansea, Swansea, UK.
3. *"Surface Modification of Iron and Aluminium Based Alloys for Improved Corrosion Resistance and Adhesion,"* Martin Stratmann, Max-Planck-Institut fuer Eisenforschung, Interface Chemistry and Surface Engineering, Max-Planck-Str. 1, Duesseldorf, Germany.
4. *"Nano-scale Evolution of Passive Oxide Structure and Composition on Aluminum: Defining the Role of the Oxide in Determining Meta-stable and Stable Pit Formation"* Kevin R. Zavadil, Corrosion and Electrochemistry Department, Sandia National Laboratories, P.O. Box 5800, Albuquerque, NM 87185, USA.
5. *"In Situ Studies of the Metal/Atmosphere Interfacial Regime,"* Christofer Leygraf, Div. Corrosion Science, Royal Institute of Technology (KTH), SE-100 44, Stockholm, Sweden.
6. *"Numerical Simulation of Pitting Corrosion,"* Nick J. Laycock, S.P. White, D.P. Krouse and S. Hendy, Materials Performance Technologies, Industrial Research Limited, PO Box 31-310, Lower Hutt, New Zealand.
7. *"Characterising the Evolution of Pits and Cracks in Steam Turbine Disc Steels"* Alan Turnbull, Shengqi Zhou, National Physical Laboratories, Teddington, Middlesex, UK.
8. *"Multi-scale Modeling of H Embrittlement in Metals",* William A. Curtin Division of Engineering, Brown University, Providence, RI 02912, USA.
9. *"Electrochemistry in Nanoscale Domains,"* Henry S. White, Department of Chemistry, University of Utah, Salt Lake City, UT 84112, USA.
10. *"Strategies in Studies of Aluminum Alloy Corrosion/Protection,"* Andrzej Wieckowski, University of Illinois, Department of Chemistry, 600 S. Mathews, Urbana, IL 61801, USA.

11. *“SCC and HIC Initiation in Linepipe Steels: The Role of Inclusions and Pits,”* R. Winston Revie and Mimoun Elboujdaini, CANMET Materials Technology, Laboratory, Natural Resources Canada, 568 Booth Street, Ottawa, Ontario, K1A, 0G1, CANADA.
12. *“Dealloying: An Old Problem with New Potential”* Sean Corcoran, Department of Materials Engineering, Virginia Polytechnic and State University, Blacksburg, VA, 24061, USA.
13. *“Investigation of Localized Corrosion Processes Using Novel Sensors, Methods, and Models”*, Sean Brossia, Southwest Research Institute, 6220 Culebra Rd, San Antonio TX, 78228, USA.
14. *“Nanoaspects of Corrosion in Metals,”* Dr. Mary P. Ryan, Department of Materials, Imperial College London, Prince Consort Road, London, SW7 2BP, U.K.
15. *“Do Metal-Metal Bonds Control Dissolution During Crystallographic Pitting?”* R. Scott. Lillard, Materials Corrosion and Environmental Effects Laboratory, Materials Science and Technology Division, Los Alamos National Laboratory, New Mexico, 87545, USA.
16. *“Synergistic Corrosion Inhibition Associated with REM-Carboxylate Compounds,”* Maria Forsyth, School of Physics and Materials Engineering, Monash University, Victoria 3800, Australia.
17. *“Multi-scale Modeling of Electrochemical Systems: Challenges and Opportunities,”* Matthew Neurock, Department of Chemical Engineering, School of Engineering and Applied Science, 102 Engineer’s Way, University of Virginia, Charlottesville, VA, 22904, USA.