

1. 'In Situ Investigations into the Interaction of Laccase and Os Mediators for Biological Fuel Cells', **T.Arruda**, Deboleena Chakraborty, S. C. Barton and S. Mukerjee, *Symposium on Physical, Analytical and Spectro-Electrochemical Characterization (II)*, #2759, 214<sup>th</sup> Meeting of the Electrochemical Society, Honolulu, HI, 2008
2. 'In Situ XAS Investigation of Novel Osmium-Based Redox Polymer Mediators for Laccase-Based Biological Fuel Cells', **T. Arruda**, Deboleena Chakraborty, S. C. Barton and S. Mukerjee, *Symposium on Biological Fuel Cells 3 (B3)*, #249, 213<sup>th</sup> Meeting of the Electrochemical Society, Phoenix, AZ, 2008
3. 'The Spontaneous Deposition of Ru Onto Pt/C Electrocatalyst: An In-Situ XAS Study', **T. Arruda**, B. Shyam, V. Murthi, D. Ramaker and S. Mukerjee, *Symposium of Fundamentals of Energy Storage and Conversion (B5)*, #312, 213<sup>th</sup> Meeting of the Electrochemical Society, Phoenix, AZ, 2008
4. 'In Situ XAS Investigation of Electrocatalyst Poisoning by Halides', **T. Arruda**, J. Ziegelbauer, B. Shyam, D. Ramaker and S. Mukerjee, *Symposium on Proton Exchange Membrane Fuel Cells 7 (B10)*, #443, 212<sup>th</sup> Meeting of the Electrochemical Society, Washington DC, 2007

#### Invited Talks

5. 'XAS and EPR Investigations of Laccase as a Potential Electrocatalyst for Biological Fuel Cells', T. Arruda, *National Synchrotron Light Source Lunch Seminar*, National Synchrotron Light Source, Brookhaven National Laboratory, Upton, NY, 11/2008