



Ohio Association of Metal Finishers' February Dinner Meeting Case Western Reserve University Research & Tech Transfer

Who: Dr. Daniel A. Scherson

Dr. Scherson is the Frank Hovorka Professor of Chemistry and Director of the Ernest B. Yeager Center for Electrochemical Sciences at Case Western Reserve University (CWRU). He received his PhD from the University of California at Davis. He also completed his post-doctorate at CWRU in 1981. Additionally, Dr. Scherson did postdoctoral work at the Lawrence Berkeley Laboratory and the University of California at Berkeley. He has published more than 250 papers, holds 7 patents, and has had numerous honors from prestigious scientific societies and several different countries.

Michael F. Allan

Michael F. Allan has been a Senior Licensing Officer in the Technology Transfer Office at CWRU since 2008. Mr. Allan previously worked for a small technology transfer consulting firm that he co-founded. He also spent part of his career at Eveready Battery Company's R&D Center in Westlake.

Topic: Electrochemical Method for the Removal of Heavy Metal Ions from Water Based on Superparamagnetic Nanoparticles

Dr. Scherson will explain how he is applying a magnetic field to a dispersion of chemically functionalized, superparamagnetic nanoparticles in contaminated water. This process allows for the removal of heavy metal ions and yields clean water and ready-to-use nanoparticles for continuous operation. This strategy has been demonstrated using water containing cadmium and lead ions, which are often present in detectable quantities in pesticides and paints, respectively.

When: Thursday, February 16, 2017
5:30 pm Cocktail Hour
6:30 pm Dinner and Speakers

Where: Harry's Steakhouse
5664 Brecksville Road
Independence, OH

Cost: \$45 member / \$55 for non-members
*Cancellations within 24 hrs will be invoiced

RSVP: Contact Kelly Corrigan at 216-235-6535 with your meal preference of salmon, prime rib or chicken by 2/13/16