



The Electrochemical Society – Detroit Section
Seminar Notice: Wednesday, March 15th, 2006

**Overview of Hydrogen Storage Technology Based on
Borohydride for Fuel Cell Applications**

Dr. Ying Wu - Millennium Cell

Abstract

Commercial implementations of hydrogen fuel cell power sources have been limited by the technology readiness of hydrogen storage options. Several hydrogen storage solutions such as compressed gas and solid-state metal hydrides have been tested but have yet to demonstrate the performance, energy density, and cost needed for commercialization. Millennium Cell Inc has been active in developing sodium borohydride based hydrogen storage technology, particularly for portable fuel cell applications as battery replacements. Potential markets including military, consumer electronics, medical and industrial applications. A review will be given on the characteristics of sodium borohydride based hydrogen storage technology. System designs and performance data will be discussed relative to commercial targets for portable applications.

Dr. Ying Wu is Director, R&D at Millennium Cell. She joined the company in 2000. Her responsibilities include coordinating internal research projects, managing joint development programs, and providing technical support to business development. She is a co-inventor on a number of Millennium Cell patents and Principal Investigator of DOE funded Hydrogen R&D program. Prior to joining Millennium Cell, Dr. Wu held a variety of technical positions at BP Chemicals. She holds a Ph.D. degree in Inorganic Chemistry from Princeton University.

**PLEASE NOTE: SEMINAR IS BEING HELD IN A NEW ROOM ON THE
4TH FLOOR OF THE TECHNOLOGY BLDG.
(ABOVE THE GALLERY), ROOM: T410**

Date: *Wednesday, March 15, 2006*

Location: Lawrence Technological University
21000 West Ten Mile Road
Southfield, MI 48075

**Building # 8 (Technology Bldg.) Room T410
(Above Gallery)**

**Enter from 10 Mile Rd. Park in Parking Lot A or H
(Parking Lot H is across 10 Mile Rd.)**

Time: 5:30 pm Reception/6:30 pm Dinner /7:30 pm Speaker

Price: \$20 Members
\$22 Guests
\$15 Students

Payment: Cash or Check

Please RSVP by: **Friday, March 10, 2006**
Lisa Abajian labajian@ovonic.com or (248) 293-7002



For Directions

Area Map: <http://www.ltu.edu/contacts/directions.asp>
Campus Map: <http://www.ltu.edu/contacts/campusmap.asp>