

Cleveland

On May 8, 2008 the ECS Cleveland Section, in co-sponsorship with the Yeager Center for Electrochemical Sciences (YCES), hosted its 2008 Spring Symposium in honor of Uziel Landau, this year's winner of the Ernest B. Yeager Award. The Yeager Award is presented every other year by the Section to a researcher in electrochemical sciences, in recognition of significant contributions to the advancement of electrochemistry in the Midwest and Great Lakes regions (U.S.).

Prof. Landau, of the Chemical Engineering Department at Case Western Reserve University (CWRU), is internationally renowned in the field of electrochemical engineering and electrodeposition. His professional activities include the characterization and development of numerous plated alloys and compounds. He developed the first CAD program ("Cell-Design") for simulating electrochemical cells, which is currently being used worldwide at over 100 industrial locations. His annual electrochemical engineering workshop at CWRU, founded in 1982, has been attended by over 400 participants, primarily from industry. He developed the prototype cell for Applied Material's machine for copper metallization of semiconductor wafers, and introduced the low-acid, high concentration copper plating electrolyte that is being widely used in the semiconductor industry, enabling the metallization of 300 mm wafers.

The symposium held at the Case Western Reserve University (CWRU) featured keynote lectures by Prof. Landau's colleagues and former students: Rohan Akolkar (Intel Corp., Portland, OR), Yezdi Dordi (Lam Research Corp., Fremont, CA), John Angus (CWRU, Chemical Engineering Department), Mark Bubnick (Abrasive Technologies, Columbus, OH), Joe Payer (CWRU, Materials Sci./Eng.), and Dan Scherson (CWRU, Chemistry Department). The event also hosted a student poster competition highlighting electrochemical research by Ohio graduate and undergraduate students, with short talks by finalists. The grand prize of \$500 to attend the upcoming PRiME 2008 meeting in Hawaii or the San Francisco meeting was awarded to Charbel Abou Diwan (Prof. Bayachou's group, Cleveland State University).

The event attracted over 60 attendees from various academic institutions and departments, industry, and a large number of students from CWRU and Cleveland State University. The symposium and poster competition were followed by a catered dinner.

The event was organized and co-sponsored by the Section, YCES, the CWRU Departments of Chemistry and Chemical Engineering, and the Joint ECS-Cleveland/YCES Student Chapter. The full program of the event can be found at the Cleveland ECS website <http://filer.case.edu/hbm/ecs/ecslocal.html>.

Taiwan

The 6th Asia Conference on Electrochemistry (ACEC 2008), held from May 11-14, 2008 at Chientan Overseas Youth Activity Center, located in Taipei, Taiwan, attracted 452 participants from 13 different countries. This conference, hosted by the Section, was officially sponsored by ECS, ISE, and The Electrochemical Society of Japan. The Korean Electrochemical Society and Chinese Society of Electrochemistry also showed their strong support for this meeting.

The scientific contributions from the participants were excellent. The 362 abstract submissions were divided into 74 invited lectures and 190 oral presentations distributed among nine symposia, including Taipei Power Forum, Bioelectrochemistry and Electroanalytical Sensing Chemistry, Electrochemical Materials, Electroplating and Surface Treatment, Electrocatalysts and Electrochemical Energy Conversion, Electrochemical Corrosion, Molecular Electrochemistry, Capacitor, and Semiconductor Devices, and Materials and Processing. The 167 poster presentations separated into three poster sessions were on view May 12-14. A free, three-hour short course, on Electrochemical Science and Technology, was given by Jerry Huang on Sunday afternoon. This very successful lecture provided a unique chance for young students.

A free pre-conference trip to the Palace Museum for all the invited speakers and paid participants was held on May 11, and the welcome reception on Sunday evening was a great event. The banquet on Tuesday night, attended by about 210 delegates, was very successful and every participant enjoyed dance performances, songs, and Chinese music. During the conference, the Section held its second membership meeting. Jim Cherng became the new Section Chair and many thanks were extended to Chi-Chao Wan, the former Section Chair, for outstanding efforts and leadership. Also during the meeting, Paul Natishan, ECS Vice-President, gave a brief introduction about ECS. Everyone expressed a very positive reaction to the plans for a website for the Section, and for the idea of translating the Society's

publication, "What is Electrochemistry" into Chinese.

Twin Cities

The Section sponsored a one-day symposium, Solid State and Electrochemical Science and Technology in the Twin Cities 2008, on Monday, April 28, 2008 in Shoreview, Minnesota. Sixty-four attendees listened to talks on various topics in solid state and electrochemical science and technology by leaders from academia and industry in the Twin Cities, and from an ECS Vice-President. The list of speakers included: William Brown, University of Arkansas, on "Aluminum-Induced Crystallized Silicon for Microelectronics: From Sub-Micron Crystallites to Epitaxy;" Darrel Unterekker, Medtronic, Inc., on "Electrochemistry and Surface Science: A Partnership for Problem Solving in the World of Implantable Medical Devices;" William Smyrl, University of Minnesota, on "Electrochemical Engineering;" Larry Krause, 3M, on "Lithium Batteries Application of Isothermal Microcalorimetry in the Determination of Passive Layer Stability;" Ibro Tabakovic, Seagate Technology, on "Electrodeposition of Magnetic Alloys for Advanced Recording Heads and Media;" and Phil Miller, 3M, on "3M Innovation and Fuel Cells." ■

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