

Annual Society Luncheon and Business Meeting

Tuesday, May 11, 2004
San Antonio, Texas

(See Program Section on page PS-3)

Division News Nominated for Office

New officers for the 2004-2006 term have been nominated for the following Divisions, to be voted upon during the Divisional business meetings held during the spring 2004 meeting in San Antonio, Texas.



Dielectric Science & Technology

Chairman

M. Jamal Deen

Vice-Chairman

Katalin Voros

Secretary

Durga Misra

Treasurer

Kalpathy Sundaram

Members-at-Large

Gautam Banerjee

Steve Beaudoin

Artur Kolics

Ashok Kumar

Yaw Obeng



Fullerenes, Nanotubes, and Carbon Nanostructures

Chairman

Francis D'Souza

Vice-Chairman

Dirk M. Guldi

Secretary

R. Bruce Weisman

Treasurer

Prashant Kamat

Members-at-Large

Lon Wilson

David I. Schuster

Shekhar Subramoney

Nazario Martin

Maurizio Prato

Shunichi Fukuzumi

Osamu Ito



IE&EE

Chairman

Gautam Pillay

Vice-Chairman

Dennie Mah

Secretary/Treasurer

John Weidner

SOCIETY NEWS

Contributing Membership Becomes Corporate Membership

The Contributing Membership program is now the Corporate Membership program, and while the name has changed, the program still offers organizations the opportunity to partner with the world's premier society for electrochemistry and solid-state science. For over sixty years, international companies, institutes, government agencies, universities, and a few individuals have financially supported the goals and objectives of The Electrochemical Society through this membership, and in return received significant benefits that enhance their ability to succeed in a competitive marketplace.

The name change is only one of the many upgrades the Corporate Membership program has enjoyed over the past couple of years. Numerous new membership benefits, such as online access to technical journals and the Leadership Circle Award, are direct results of an aggressive Society campaign begun prior to the Centennial Meeting in May of 2002 to survey corporate members and companies to determine their needs and to learn how The Electrochemical Society can meet those needs.

Clifford W. Walton, chairman of the Corporate Membership Committee, had this to say, "The Corporate Membership program is evolving and the name change is a reflection of this. It makes it easier for companies to find information on the ECS website describing opportunities for corporate participation. Considering that this membership relationship has moved from an emphasis on a contribution to a benefit, the name change seems intuitive."

Member News

QUALLION LLC of Sylmar, CA was recently presented the Leadership Circle Award (Bronze Level). CEO Hishashi Tsukamoto accepted the award on behalf of the company, which has been a corporate member of ECS for five years. Founded by biotechnology philanthropist Alfred E. Mann, Quallion LLC is an emerging technology and high quality manufacturing company dedicated to the development, engineering, and commercialization of customizable, safe, and highly reliable battery products and battery management systems.

Five additional companies will be presented Leadership Circle Awards later



Quallion LLC CEO **HISHASHI TSUKAMOTO** accepts the Bronze Leadership Circle Award from ECS Director of Development **TROY M. MILLER**.

Quallion LLC has been a Sustaining member of the Society for five years.

this year including Gold Level: **MEDTRONIC** (25 years), **TOYOTA** (25 years), and **YUASA** (25 years). At the Bronze Level are: **DANIONICS** (5 years) and **UTC FUEL CELLS** (5 years).

The newest ECS Corporate Member at the Sustaining level is **THE CENTER FOR SOLAR ENERGY AND HYDROGEN RESEARCH (ZSW)** in Ulm, Germany. Solar energy and hydrogen technology will be major components in the sustainable energy supply of the 21st century. ZSW contributes to their development through its work in Stuttgart, Ulm, and Widderstall. It is integrated in a network of university, industrial, and institutional cooperations at home and abroad. ZSW offers its commissioners research and development of environmentally sound technologies for providing power, heat, and fuels; conversion of research results to commercial products, together with industrial partners; and consulting of manufacturers, users, policy makers, and professional associations. The focus of their research and development centers on photovoltaic materials, batteries, and fuel cells.

Your company can become a Corporate Member of The Electrochemical Society and take advantage of the important benefits while, at the same time, supporting extensive and effective membership programs that improve the inventiveness and scope of corporate research and development in electrochemistry and solid-state technology. For more information, please contact **TROY M. MILLER** at ECS headquarters, or visit the new Corporate Membership web page at www.electrochem.org.

New Features for ECS Online Journals

In January 2004, the ECS journals became part of the latest upgrade at the American Institute of Physics (AIP). AIP's publishing platform (formerly known as OJPS) is the online home for the ECS journals and for more than 110 other technical publications from 18 STM (science, technical, and medical) publishers. OJPS has undergone a major transformation and has been renamed SCITATIONSM. The name Scitation was chosen because it more accurately describes the platform's services to the scholarly community. The new name conveys three important messages (1) the platform's strength in science and engineering; (2) AIP's leadership in reference linking, both forward and backward; and (3) the expanded scope of online products and services hosted on the platform, including almost 600,000 journal articles, with a growth rate of more than 6,000 articles per month.

The Journal of the Electrochemical Society (JES) and *Electrochemical and Solid-State Letters* (ESL), which are hosted on Scitation, will both benefit from the platform's new functionality. With the January 2004 re-launch, AIP has introduced a suite of new features designed with the sophisticated "sci-tech" researcher in mind. Scitation's goal is to enable and empower resource discovery through reference linking. Not only can readers use Scitation for ECS journal content, but they can use it as their personal navigator for traversing the ocean of scientific content available online. From Scitation, readers can follow hundreds of thousands of links to abstracts and articles throughout the Web. This can be done by using the citation-linking backbones constructed by CrossRef, ISI's Web of Science, and other content aggregators and publishers, as well as through links to dozens of specialized content repositories (such as the arXiv.org e-print archive and INSPEC, among others). If readers don't have access to titles through a subscription, individual articles can be purchased and downloaded right to the desktop in seconds via Scitation's fully integrated DocumentStore.

There are no subscriptions to Scitation itself, but users can become subscribers to publications or services hosted on Scitation. ECS members and subscribers are automatically upgraded to full Scitation access, which includes free use of Scitation's search engine and site-personalization tools. (Users with no subscriptions to any component publication or service need only fill out a simple registration form to access the search and personalization tools.)

In Scitation's comprehensive reference-linking capability, author-supplied references are edited and then checked against a database of over 12 million reference citations. This rigorous lookup and vetting process ensures accurate and complete reference tagging and increases the likelihood that

matches will be found throughout the linkable Web. Scitation regularly resubmits reference information to add links that may have become viable after the article was originally published. Furthermore, meta-data for the majority of articles published on Scitation are regularly uploaded to CrossRef, a collaborative linking initiative embraced by leading STM publishers, to facilitate the linking community's goal of placing real-time resource threading and discovery at the user's fingertips.



Users can navigate the platform content alphabetically, by publisher, or by subject category from the entry page. In each of these views, links are provided

to each publication's home page, as well as to the current issue and issue archives. All component publications have their own navigational systems.

Readers can easily create a customized Scitation entry page with exclusive, easy-to-use personalization tools, including MyArticles and MyPublications, two powerful components that allow a reader to navigate the system based on journal preferences or interests.

Authors can download properly formatted citations of every article on Scitation and export them into bibliographic management software or directly into a manuscript or computer script. Currently, Scitation supports downloading in EndNote®, BibTEX (including RevTEX), and plain text (ASCII) formats, but available formats will be expanded early in 2004 to include MEDLINE, ProCite®, and Reference Manager® formats.

New features are scheduled for release throughout 2004. MySearches will enable registered users to store multiple searches and easily access them from the search interface, making complex queries easy to re-run or manipulate to create variations. In addition, subscribers will be able to manage all their alerts via MyTOCAAlerts, featuring easy e-mail address updating, switching between formats, and a "suspend" capability to temporarily stop deliveries.

ECS encourages its members to try Scitation (<http://scitation.aip.org/>) to learn more about all its features. For ECS members who have not yet signed up for their free access to the full content of ECS journals, please visit the ECS website (<http://www.electrochem.org/publications/troubleshooting.htm>) for information on how to register. The ECS journals are the top two peer-reviewed journals in electrochemistry (according to the latest ISI Science Citation Index impact factors). So, take advantage of your ECS membership, and make your research life easy, with access to the ECS journals via Scitation. ■



ECS Co-sponsored Conferences

In addition to meetings and symposia currently part of ECS programs or satellite meetings, ECS also co-sponsors meetings and symposia organized by individuals and/or other organizations. These co-sponsored meetings must be of interest to the technical audience ECS serves, must not conflict with existing or future planned ECS programs, and involve no financial obligations to ECS. Co-sponsored meetings are approved by the ECS Technical Affairs Committee and submitted to the ECS Board of Directors for approval at each Society meeting. The following meetings are currently technically co-sponsored by the ECS.

- **First International Conference on Fuel Cell Development**, March 7-10, 2004, at the University of Connecticut School of Engineering (USA) — www.ctfuelcell.uconn.edu/fcic/
- **11th International Symposium on Polymers for Microelectronics**, May 5-7, 2004 (Delaware, USA) — www.symposiumonpolymers.com/
- **Gordon Conference on Aqueous Corrosion**, July 25-30, 2004, at Colby-Sawyer College (New Hampshire, USA) — www.grc.uri.edu/programs/2004/corraqu.htm
- **Gordon Research Conference on High Temperature Materials, Processes, and Diagnostics**, August 1-6, 2004, at Colby College (Maine, USA) — www.grc.uri.edu/programs/2004/hightemp.htm
- **International Conference on Electrode Processes**, September 15-18, 2004, in Szczyrk, Poland — alfa.chem.uw.edu.pl/electroproc/

An up-to-date list of all ECS co-sponsored conferences can be found at:

<http://www.electrochem.org/meetings/sponsored/sponsored.htm>

Staff Promotions at ECS

The Electrochemical Society (ECS) is pleased to announce the promotion of several staff members. Executive Director Roque Calvo said, "The Society is entering a new phase of growth, bringing more services to our members, and expanding the reach of the technical content that is brought to the community through our publications and meetings. These staffing changes are designed to help the Society accomplish several new initiatives."



MARY YESS has been named the Deputy Executive Director of ECS. Mary will assist Roque Calvo with the overall operation and progress of the Society, and will coordinate the Society's two major program areas: publications and meetings. Mary also will head up the implementation of several new initiatives such as the ECS Digital Library, ECS Transactions, and the re-design of the ECS website. (See page 15 for more details about these projects.) Mary will also

coordinate the Society's marketing efforts and introduce new ways to improve the visibility of the Society's activities.

Mary began her connection with the Society in 1992 as a consultant. Her first assignment was to take the prototype issue of *Interface* and redesign it with a view to develop the editorial structure and design approaches, and to assist with the writing and editing. Mary then joined the Society staff in 1996 as head of the publications area and Managing Editor for *Interface*; she will continue in both those roles. While head of publications,

Mary oversaw the launch of *Electrochemical and Solid-State Letters*, the move of the Society's journals to the American Institute of Physics for online journal publication, and the initiation of the online manuscript submission and peer review program (Peer X-Press). For the Society's centennial, Mary served as the production editor for the history book, wrote the *Interface* history article, and prepared the ECS history exhibit on display at the centennial meeting. Mary also planned many of the special centennial celebration events, including a visit by Ben Franklin to the Monday Evening Mixer and the friendly "roast" of the Society at the centennial banquet.

Mary previously worked for the University of Chicago Press; and as a management, design, and writing consultant for a number of trade and general interest publications. Mary received her master's degree from Pratt Institute in New York, and has served on the volunteer boards of several not-for-profit organizations.



Mary Yess will continue to function as the Director of Publications; however another promotion on the staff will enable her to hand over much of the management of the department to PAUL COOPER, who has been promoted to Assistant Director of Publications. As Assistant Director, Paul will continue in his role as production manager of the journals, but will also take on many other areas of responsibility within the publications department.

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Paul joined the Society in 1991, having graduated from Saint Joseph's University with a BA in English and a minor in international relations. Paul began work at the Society styling manuscripts for the *Journal*, and handling the production of the proceedings volumes. From 1992-1997, Paul was asked to undertake the production and advertising work for the then-new members magazine, *Interface*. During that time, Paul also continued to work on the production of the proceedings volumes, redesigning the covers, as well as helping the Society move toward case-bound books. Paul was the lead production staff on the launch of the Society's rapid-publication online journal, *Electrochemical and Solid-State Letters*. In 2000, Paul was promoted to the position of Production Manager for the journals. His most recent project (2003-2004) has been to shepherd the implementation at ECS of Peer X-Press (PXP), the online manuscript submission, peer review, and tracking tool for the ECS technical journals.



Assisting in the Publications Department is **ANDREA GUENZEL**, who has been promoted to Journals Production Assistant. Andrea graduated from Rider College in New Jersey, with a degree in marketing education. Andrea joined the staff in 1998 as a publications clerk and she has been responsible for many aspects of processing journal manuscripts. Andrea is now responsible for processing manuscript submission

and acceptance, using the new PXP system. Andrea has also taken on many of the administrative tasks involved in processing site license agreements, which enable institutional subscribers to access the ECS journals online.



BRIAN BOSAK has been promoted to Director of Information Technology for the Society. Brian joined the staff in August 2000 as the Information Systems Administrator. He is a 1995 graduate of Rochester Institute of Technology with a BA in electrical engineering technology. His career as a systems administrator began after graduation for a company near his hometown in State College, Pennsylvania, and has continued to evolve with the move to New Jersey and to ECS. Brian led the implementation of the installation of a new enterprise software suite, enabling ECS to integrate and upgrade many of the services it provides. Brian is responsible for managing the ECS technology infrastructure. Some of these tasks include maintaining ECS's presence on the Internet, computer network operations, e-mail functions, and management of the Society's enterprise database. ■