

Corporate Membership News

ECS recently welcomed two new Corporate Members: SEZ Group (Sponsoring), and FSI International (Sustaining).

The **SEZ GROUP** (www.sez.com) is the leading provider of single-wafer, wet-processing solutions for the global semiconductor industry, with an installed base of over 1,000 tools. The company maintains operations in Asia-Pacific, Europe, Japan, and North America. SEZ Holding AG is traded on the SWX Swiss Exchange under the symbol SEZN.

FSI INTERNATIONAL, INC. (www.fsi-intl.com) is a global supplier of surface conditioning equipment technology and support services for microelectronics manufacturing. Using the company's broad portfolio of cleaning products, which include batch and single-wafer platforms for immersion, spray, vapor and CryoKinetic technologies, customers are able to achieve their process performance, flexibility, and productivity goals. The company's support services programs provide product and process enhancements to extend the life of installed FSI equipment, enabling worldwide customers to realize a higher return on their capital investment.

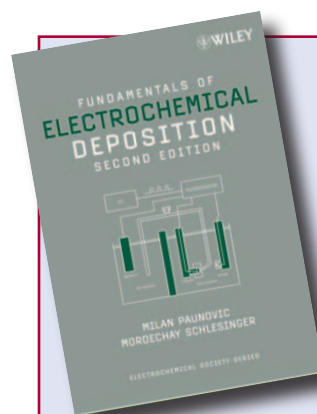
Three other Corporate Members, **PRINCETON APPLIED RESEARCH**,

the **CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE**, and **DAISO CO, LTD.** recently increased to the Sponsoring Level, which entitles their organizations to online access to ECS serial publications for all employees at one entire facility.

For over 100 years, ECS has helped to advance the theory and practice of electrochemistry, solid-state science, and allied subjects. The ECS mission has been enhanced by collaboration with, and support from, corporations and research laboratories throughout the world.

As an ECS Corporate Member, your organization benefits through recognition in all ECS publications; from subscriptions to the two highest rated journals in the field, the *Journal of The Electrochemical Society* and *Electrochemical and Solid-State Letters*, as well as *Interface* (our quarterly news publication); from online access to ECS serial publications; and from complimentary membership and registrations at our biannual meetings, which attract upwards of 4,000 scientists each year.

If your organization is interested in supporting ECS and receiving the benefits of Corporate Membership, please contact Amir Zaman, Associate Director of Development, at amir.zaman@electrochem.org. ■



New Edition of Fundamentals of Electrochemical Deposition

One of the classics in the Society's monograph series, *Fundamentals of Electrochemical Deposition* will see a second edition this August. The book is authored by Milan Paunovic, formerly of IBM Research Division and Mordechai Schlesinger, of the University of Windsor in Canada. The book will be published by John A. Wiley and Sons, and is sponsored by ECS.

The book includes three new chapters on applications in: semiconductors, magnetism and microelectronics, and medicine; and serves as both a text and introductory tool for students and a ready reference for practicing professionals. The new edition also incorporates numerical examples and problems to better illustrate the concepts; and it contains chapters on applications and new coverage for nanotechnology and microelectronics, as well as sample problems. A solutions manual is available for academic adopters.

Electrochemical deposition is used in traditional areas like computer hardware, medical diagnostics, and aerospace, and is important to fields like nanotechnology and microelectronics. This book updates and improves the prior edition to address the new developments in the science and applications, making it both a valuable introduction and full reference source. According to reviews, "there is no other comprehensive book available on the theory and practice of electrodeposition."

ECS members will receive a discount on purchases of this book, as well as other in the ECS monograph series. Check the ECS website for details. ■

Results of 2006 ECS Election of Officers and Slate for 2007

The ECS Tellers of Election have announced the results of the 2006 election of Society officers, with the following persons elected: for President—Mark Allendorf, Sandia National Labs; for Vice-President—Paul Natishan, U.S. Naval Research Laboratory; and for Treasurer—John R. Susko, JRS Technology. The terms of Barry MacDougall (Vice-President), D. Noel Buckley (Vice-President), and Petr Vanýsek (Secretary) were unaffected by this election.

At the Board of Directors meeting in Denver, Colorado on May 11, 2006, members of the Board voted to approve the slate of candidates recommended by the ECS Nominating Committee. The slate of candidates for the next election of ECS officers, to be held January 2007, include: President—Barry MacDougall; and for Vice-President (one to be elected)—William D. Brown and Joseph R. Stetter. Full biographies and candidate statements will appear in the winter 2006 issue of *Interface* and on the ECS website. ■



From left to right: Mark Allendorf, President; Paul Natishan, Third Vice-President; John R. Susko, Treasurer.

New Staff at ECS



JOHN LEWIS joined the Society this past September as the Manager of *ECS Transactions* (ECST), the Society's newest publication. He is responsible for all facets of ECST; from guiding authors and editors through the online process, to producing and marketing the finished issues. John will also manage the production of the last books from the proceedings volume series. "We're fortunate to have John join the ECS staff," said Mary Yess, ECS Deputy Executive Director. "He has brought a number of skills to the implementation and every day management of this online database of full-text papers presented at ECS meetings."

Prior to joining ECS, John worked for over 7 years as a Digital Archive Manager for Random House, Inc. During that time, John helped to develop a database of digital production and marketing files from a handful of assets to over 1 million files. Ultimately, this project helped Random House produce smaller press runs much faster, reducing the time and costs in the production cycle. He was also a member of the Random House Standing Production Committee, dedicated to standardizing and improving corporate production practices.

Before joining Random House, John worked for many years in the music business. He was the Associate Producer of the 1996 and 1997 New York Jazz Festivals, and the Talent Buyer and Production Manager for the Knitting Factory. He also worked as an artist manager for several musical groups. ■



HEIDI RIXMAN became the ECS Director of Membership and Development this past September. Heidi is a 1996 graduate of Delaware Valley College, Dolestown, PA, where she earned a bachelor's degree in English.

Heidi began her career in fundraising as part of the development team at Pearl S. Buck International, a nonprofit organization providing assistance to children and their caregivers worldwide. She later focused her career in fundraising for educational institutions, which included Albright College and Woods Services.

In 2000, she returned to her alma mater as the Director of the Annual Fund. During her time with DelVal, the college achieved a \$1 million dollar annual goal in fundraising for the first time, and received the largest recorded contribution (\$100,000) from an alumnus. "Heidi's experience at Albright College and Delaware Valley College will be very valuable in her membership and development work for ECS," said Roque Calvo, ECS Executive Director. "Our loyal members are similar to that of college alumni, and ECS shares common educational goals with colleges and universities throughout world." ■



AMIR ZAMAN joined ECS this past September as the Associate Director of Development. He graduated from Pace University, New York, NY in 2004 with a bachelor's degree in International Management. While at Pace, he served as the Director of Marketing for the school's community outreach department, managing corporate and government relations for thirteen programs across New York. His responsibilities included identifying potential corporate and individual donors, and writing proposals for federal, state, and foundation grants.

Prior to joining ECS he worked in Houston, Texas at Echo Geophysical in corporate marketing in the oil and gas exploration industry. He was responsible for new client development and brand promotion. Roque Calvo, ECS Executive Director, said, "Amir's ability to both identify and solicit potential corporate, government, and foundation grants should open new opportunities to support ECS meetings and publications." ■

Division Officers Slates Announced

New officers for the 2006-2008 term have been elected for the following Divisions.



Dielectric Science and Technology

Chair

Katalin Voros

Vice-Chair

Durga Misra

Secretary

Kalpathy B. Sundaram

Treasurer

Dolf Landheer

Members-at-Large

Stephen P. Beaudoin, Albert S. Bergendahl, William D. Brown, M. Jamal Deen, John C. Flake, Merrill Garnett, Dennis W. Hess, Howard R. Huff, Hiroshi Iwai, Vikram J. Kapoor, Artur Kolics, Oana M. Leonte, Ana R. Londergan, Gangadhara S. Mathad, Meyya Meyyappan, R. Ekal Sah, Sudipta Seal, Robin A. Susko, John R. Susko, and Kerstin Worhoff

Awards Chair

Hazara Rathore

Membership Chair

Peter Mascher

Symposium Chair

Vimal Desai



Fullerenes, Nanotubes, and Carbon Nanostructures

Chair

Francis D'Souza

Vice-Chair

Dirk M. Guldi

Secretary

R. Bruce Weisman

Treasurer

Prashant V. Kamat

Members-at-Large

Shunichi Fukuzumi, Osamu Ito, Maurizio Prato, David I Schuster, Shekhar Subramoney, and Lon J. Wilson



Industrial Electrolysis and Electrochemical Engineering

Chair

Dennie T. Mah

Vice-Chair

John Weidner

Secretary-Treasurer

Vijay K. Ramani

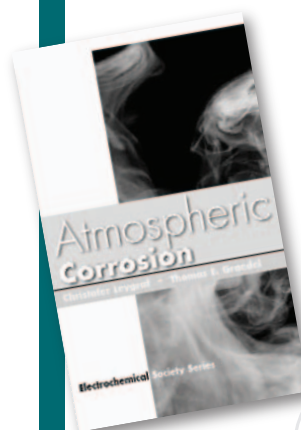
IE&EE Division Alert!

The IE&EE Division held an election at its business luncheon in Denver this past spring. New officers are Dennie Mah (DuPont), Chair; John Weidner (Univ. South Carolina), Vice-Chair; and Vijay Ramani (Illinois Inst. Tech.), Secretary/Treasurer; all for two-year terms. The Division thanks Gautam Pillay, immediate past Chair, for his outstanding service during his six years as an IE&EE Division officer. Several awards were given: Vijay Sethuraman (Univ. South Carolina) received the Student Achievement Award, and Nikhil Jalani (Worcester Polytechnic Inst.) received the H. H. Dow Memorial Student Award.

The IE&EE Executive Committee has passed a motion to change the Division's name from "Industrial Electrolysis and Electrochemical Engineering" to "Industrial Electrochemistry and Electrochemical Engineering," to better reflect today's scope of IE&EE's activities. In addition to industrial electrolysis, IE&EE has been active in industrial electric power generation, including batteries, fuel cells, and hydrogen production and storage. The IE&EE bylaws require a notice be given to the IE&EE membership, and a favorable two-thirds membership vote. The Division plans to solicit the IE&EE membership electronically and by mail if no e-mail address is on record. More details will follow. It is expected that the IE&EE membership balloting can be completed by the 2006 fall ECS meeting in Cancun for final approval by the ECS Board of Directors.

Another timely issue is the IE&EE Division's "Report on the Electrolytic Industries," which historically appears in the October issue of the *Journal of The Electrochemical Society*. Recently, the Division has had trouble identifying authors to write this report. It is currently evaluating the value of this report to not only our Society; but also, to our global readership. The plan is to electronically solicit comments from both the IE&EE and ECS membership and assess our future options. Most of the IE&EE Executive Committee believes that the report is a valuable resource that should be continued into the future. Authorship of the report may be an excellent venue for retired members to share their industrial insights; or for government and academic members that have a need to better understand current industrial events; or for industrial members that want to facilitate a better understanding their activities. If you have any suggestions; or you think that you might like to be a report author, please contact Dennie T. Mah, IE&EE Division Chair, doctor_electro@msn.com or 302.774.4264. ■

Atmospheric Corrosion



by: Christofer Leygraf,
Royal Institute of
Technology, Stockholm,
Sweden and Thomas
Graedel, Yale University,
New Haven

0-471-37219-6
368 pp
2000

ECS
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In this timely and authoritative work, Christofer Leygraf and Thomas Graedel present a comprehensive look at atmospheric corrosion six thousand years after "iron was first separated from its ore ...and promptly began to corrode!"

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www.electrochem.org



Anniversary Members

It is with great pleasure that we recognize the following ECS members, who have reached 30-, 40-, 50-, and 60-year anniversaries with the Society in 2006. Congratulations to all!

30-Year Members

James L. Anderson
Robert D. Braun
Bernard S. Covino
Madhav Datta
Gilbert J. Declerck
James R. Ehrstein
Karl W. Frese
David S. Ginley
Richard D. Goodin
Ronald S. Gordon
Carl H. Hamann
James S. Harris
James E. Hawkey
Clifford F. Hiatt
Arthur K. Hochberg
Henry G. Hughes
Shin-Ichi Inoue
Theodore I. Kamins
Yasushi Kanzaki
Michael Katz
Martin W. Kendig

Donald W. Kirk
Jiri Klinger
Yoshio Kondo
Harold Russell Kunz
Ronald M. Latanision
Tyler X. Mahy
Charles S. O'Dell
Kimon Papadopoulos
Patricia Paulette
James B. Pierce
Douglas A. Pike
Vincent J. Puglisi
Ronald A. Rizzo
Michael D. Ryan
Akira Shintani
Jacques Simonet
Rajendra Singh
Subhash C. Singhal
Marian T. Stankovich
Lawrence A. Tinker
Georg Wahl
Mark S. Wrighton

Masamichi Yamashita
Kinny Lee-Kin Yeung
Jose H. Zagal

40-Year Members

Herbert D. Barber
Ronald L. Birke
David W. Boone
David James Curran
Arabinda N. Dey
William R. Fawcett
J. Stuart Fordyce
Michael Gulla
William G. Howard
Marshall J. Kidder
Dieter Landolt
Frederick Leon Marsh
Robert G. Mazur
Herbert J. Moltzan
Boone B. Owens
Milan Paunovic

Anthony Arthur Reidlinger
R. Winston Revie
Geraldine Cugin Schwartz
A. John Sukava
Charles M. Wolfe

50-Year Members

Robert P. Frankenthal
C. G. A. Hill
Paul R. Kruesi
Kurt H. Stern
Gerald C. Whitnack

60-Year Members

Sidney Barnartt
Robert L. Tichenor

2006-2007 ECS Committees

Executive Committee of the Board of Directors

Mark D. Allendorf, Chair.....	President, Spring 2007
Barry R. MacDougall.....	Senior Vice-President, Spring 2007
D. Noel Buckley.....	Second Vice-President, Spring 2008
Paul M. Natishan.....	Third Vice-President, Spring 2009
Petr Vanýsek.....	Secretary, Spring 2008
John R. Susko.....	Treasurer, Spring 2010

Corporate Membership

Douglas C. Hansen, Chair.....	Spring 2007
Dayaldas Meshri.....	Spring 2007
Peter C. Foller.....	Spring 2007
Clarence G. Law.....	Spring 2008
Thomas D. Gregory.....	Spring 2008
Emory S. DeCastro.....	Spring 2009
Hubert Gasteiger.....	Spring 2009

Development

John R. Susko, Chair.....	Treasurer, Spring 2010
Esther S. Takeuchi.....	Spring 2007
William D. Brown.....	Spring 2008
Robert F. Savinell.....	Spring 2009
Barry R. MacDougall.....	Senior Vice-President, Spring 2007
Douglas C. Hansen.....	Chair, Corporate Membership Committee, Spring 2007
Roque J. Calvo.....	Term as Executive Director

Education

Johna Leddy, Chair.....	Spring 2009
John R. Miller.....	Spring 2007
James J. Noel.....	Spring 2008
Kenneth W. Browall.....	Spring 2009
Hariklia Deligianni.....	Spring 2010
Stephen M. Lipka.....	Chair, Individual Membership Committee, Spring 2007
Venkat Srinivasan.....	Chair, Council of Sections, Spring 2007
D. Noel Buckley.....	Chair, Technical Affairs Committee, Spring 2007

Finance

John R. Susko, Chair.....	Treasurer, Spring 2010
Dennie T. Mah.....	Spring 2007
Mark E. Orazem.....	Spring 2007
John O. Dukovic.....	Spring 2008
Fernando Garzon.....	Spring 2008
Barry R. MacDougall.....	Senior Vice-President, Spring 2007
Petr Vanýsek.....	Secretary, Spring 2008

Financial Policy Advisory

William D. Brown, Chair.....	Spring 2008
Ralph J. Brodd.....	Spring 2007
John S. Newman.....	Spring 2008
Peter S. Fedkiw.....	Spring 2009
John R. Susko.....	Treasurer, Spring 2010

Honors and Awards

Charles L. Hussey, Chair.....	Spring 2008
Douglas C. Hansen.....	Spring 2007
John O. Dukovic.....	Spring 2007
Steven J. Visco.....	Spring 2007
Alok M. Srivastava.....	Spring 2008
Hisham Z. Massoud.....	Spring 2008
Radoslav Atanasoski.....	Spring 2008
Arumugam Manthiram.....	Spring 2009
Thomas F. Fuller.....	Spring 2009
James M. Fenton.....	Spring 2009
Shelly D. Minter.....	Spring 2010
Andrzej Wieckowski.....	Spring 2010
Keryn K. Lian.....	Spring 2010
Mark D. Allendorf.....	President, Spring 2007

Individual Membership

Stephen M. Lipka, Chair.....	Spring 2007
Farrel Martin.....	Spring 2007
Craig R. Horne.....	Spring 2008
Eric J. Wuchina.....	Spring 2009
Paul M. Natishan.....	Third Vice-President, Spring 2007
Lawrence Bottomley.....	Vice-Chair, Council of Sections, Spring 2007

Nominating

William H. Smyrl, Chair.....	Spring 2007
Paul M. Natishan.....	Third Vice-President, Spring 2007
Douglas C. Hansen.....	Spring 2007
David J. Lockwood.....	Spring 2007
Joseph R. Stetter.....	Spring 2007

Publication

Subhash C. Singhal, Chair.....	Spring 2010
Heidi B. Martin.....	Spring 2007
David J. Lockwood.....	Spring 2007
Erika Kalman.....	Spring 2007
John Weidner.....	Spring 2008
Michael M. Thackeray.....	Spring 2008
William G. Howard.....	Spring 2008
Karl Kadish.....	Spring 2008
Mark Williams.....	Spring 2009
Andrew Hoff.....	Spring 2009
Michael J. Kelly.....	Spring 2009
Petr Vanýsek.....	Secretary, Spring 2008
Paul A. Kohl.....	ex officio-nonvoting, Journal Editor to 12/31/2009
Krishnan Rajeshwar.....	ex officio-nonvoting, Interface Editor to 5/31/2008
Dennis W. Hess.....	ex officio-nonvoting, Letters Editor to 12/31/2008

Society Meeting

Petr Vanýsek, Chair.....	Secretary, Spring 2008
Kathryn A. Striebel.....	Spring 2007
Viola Birss.....	Spring 2008
Eric D. Wachsman.....	Spring 2009
John R. Susko.....	Treasurer, Spring 2010
Roque J. Calvo.....	ex officio-nonvoting, Term as Executive Director

Technical Affairs

D. Noel Buckley, Chair.....	Second Vice-President, Spring 2007
Peter J. Hesketh.....	Spring 2007
Marca M. Doeff.....	Spring 2007
Vikram J. Kapoor.....	Spring 2008
John Weidner.....	Spring 2008
Cynthia Bruckner-Lea.....	Spring 2009
Gerald L. Frankel.....	Spring 2009
Curtis F. Holmes.....	Spring 2010
M. Jamal Deen.....	Spring 2010
Paul M. Natishan.....	Third Vice-President, Spring 2006
Gautam Pillay.....	Chair, New Technology Subcommittee, Spring 2007

Tellers of Election

James A. Amick, Chair.....	Spring 2007
Ronald E. Enstrom.....	Spring 2007
N. P. Yocom.....	Spring 2007
Norman Goldsmith, Alternate.....	Spring 2007
Robert P. Frankenthal, Alternate.....	Spring 2007
Craig B. Arnold, Alternate.....	Spring 2007

Ways and Means

Barry R. MacDougall, Chair.....	Senior Vice-President, Spring 2007
Daniel H. Doughty.....	Spring 2007
Graham T. Cheek.....	Spring 2007
George E. Blomgren.....	Spring 2008
Cor L. Claeys.....	Spring 2008
D. Noel Buckley.....	Second Vice-President, Spring 2007
Paul M. Natishan.....	Third Vice-President, Spring 2007

Representatives to Other Societies

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCES (AAAS)	
Roque J. Calvo.....	Term as Executive Director
CHEMICAL HERITAGE FOUNDATION	
Kathryn R. Bullock.....	Heritage Councilor, Spring 2007
FEDERATION OF MATERIALS SOCIETIES	
Guy Davis.....	Trustee, Spring 2007
Paul Natishan.....	Alternate, Spring 2007
Roque J. Calvo.....	Advisory Board, Term as Executive Director
NATIONAL INVENTORS HALL OF FAME	
Charles L. Hussey.....	Spring 2008

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 Gerald Frankel, Division Advisor



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