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**Sannakaisa Virtanen**

her students to achieve success in corrosion science and engineering through her many contributions in metallic passivity and localized corrosion. She has authored more than 130 publications in numerous areas of metals corrosion, including studies on iron and stainless steels, light metal alloys, and corrosion in biomedical applications of metallic materials.

Virtanen has dedicated much of her professional life to enthusiastically sharing with her students her love of research and discovery in corrosion science and engineering. She has held numerous academic posts, including senior scientist and assistant professor at the Swiss Federal Institute of Technology in the Department of Materials Science, Zurich, Switzerland, and is currently a professor in the Materials Science Department at the University of Erlangen-Nuremberg, Germany. She was visiting scientist at the Brookhaven National Laboratory in New York in 1995 and at the McMaster University in Hamilton, Canada in 1996.

Virtanen received an M.S. degree in materials science and engineering from the Helsinki University of Technology in Finland, and a Ph.D. from the Swiss Federal Institute of Technology in Zurich, Switzerland.

### W.R. Whitney Award

The W.R. Whitney Award recognizes individuals who have made national or international contributions leading to a better understanding of corrosion science, such as the development of a theory that provides a more fundamental understanding of corrosion phenomena and/or the prevention of corrosion.

**Philippe Marcus** has been selected as the 2008 recipient for his outstanding contributions in several areas of corrosion: the effects of sulfur on metal dissolution and passivity, fundamental studies on

passivity and surface analysis of passive films, and scanning probe microscopy of passive films and their breakdown.



**Philippe Marcus**

Ecole Nationale Supérieure de Chimie de Paris, France.

His field of research is surface chemistry, surface electrochemistry, and corrosion science, with emphasis on the understanding of the structure and properties of metal and alloy surfaces. His research interests include the growth mechanisms and structure of oxide layers on metals and alloys in gaseous and aqueous environments; adsorption of inorganic, organic, and biomolecules; the mechanisms of corrosion of metals and alloys at the nanoscale; passivity; passivity breakdown and localized corrosion; high-temperature oxidation; and the applications of advanced surface and analytical methods such as x-ray photoelectron spectroscopy and scanning tunneling microscopy.

Marcus has published more than 300 papers in scientific journals, books, and conference proceedings in the areas of corrosion science, surface chemistry and electrochemistry, surface analysis, and materials science, as well as two books—*Corrosion Mechanisms in Theory and Practice* and *Analytical Methods in Corrosion Science and Engineering*. He has given more than 75 invited lectures at international conferences. He serves on the editorial board of five major journals in electrochemistry and corrosion: *Electrochimica Acta*, *Corrosion Science*, *Materials and Corrosion*, *Corrosion Engineering, Science and Technology*, and *Corrosion Reviews*. He has also received a number of awards and honors, including the 2005 Uhlig Award from the Electrochemical Society. He is an elected fellow of the Electrochemical Society.

Marcus is currently vice-president of

the European Federation of Corrosion (EFC), chair of the EFC Working Party on Surface Science and Mechanisms of Corrosion and Protection, and past chair of the Electrochemical Materials Science Division of the International Society of Electrochemistry. He is chair of the Scientific and Technical Committee of CEFACOR (Centre Français de l'Anticorrosion).

Marcus has organized or co-organized several international conferences and symposia. Recently he was the chair of ECASIA (the European Conference on Applications of Surface and Interface Analysis, Avignon, France, 2001), EUROCORR (the European Corrosion Conference, Nice, France, 2004), and Passivity-9 (the 9th International Conference on the Passivation of Metals and Semiconductors and the Properties of Thin Oxide Layers, Paris, France, 2005). In 2006 he was the chair of the Gordon Research Conference on Aqueous Corrosion (New London, New Hampshire). He is the chair of EUROCORR 2009.

Marcus will present the CORROSION 2008 Whitney Lecture on Tuesday, March 18, 2008, at 11:30 a.m. (see p. 74).



**Walter B. Poff**

### NACE Foundation Founders Award

The Founders Award was created in 2005 by the NACE Foundation to recognize excep-

tional contributions by individuals who have significantly enhanced the stature of the NACE Foundation and made significant contributions toward its goal of advancing corrosion education.

The 2008 Founders Award is presented to **Walter B. Poff**. Poff was president of NACE International in 1985/1986 and is a very active member of the Past Presidents' Council. Through his activities with this prestigious group of past NACE presidents, Poff has been instrumental in the creation of the Past Presidents' Endowed Scholarship,

in memory of Darrel Byerley, to be administered by the NACE Foundation.

Poff has spent his career working in the field of corrosion and, although he is retired, his dedication to the field of corrosion science continues. He remains dedicated to the field through such efforts as establishing scholarships that will encourage future generations to pursue careers in the corrosion industry.

It is only appropriate that the NACE Foundation award Mr. Poff the Founders Award as an outstanding individual who has done so much for the corrosion community and education in particular. The NACE Foundation would like to thank Mr. Poff for his continued contributions and commitment.

### **NACE Fellows**

NACE Fellows are named for their distinguished contributions in the field of corrosion and its prevention, and to develop a broadly based forum through which technical and professional leaders serve as advisers to the association. The 2008 NACE Fellows are:

*En-Hou Han*

*Louis G. MacDowell*

*Robert Mack*

*Srdjan Nesic*

*Sankara Papavinasam*

*Prabhakar Singh*

*Preet Mohinder Singh*

*Alan Turnbull*

*Mehrooz Zamanzadeh*

### **Distinguished Service Awards**

NACE Distinguished Service Awards are presented annually to NACE members who have performed the duties and responsibilities of any officer assignment, elected or appointed, in an outstanding manner. This outstanding performance can be in any section, region, area, or association activity.

The 2008 recipients of this award are:

*Brent Bertrand*

*Timothy Bieri*

*Czar Ivan Cruz*

*Blake Fouracre*

*Linda Gray*

*Paulette Sidky*

*Alexander Williamson*

### **Technical Achievement Awards**

NACE Technical Achievement Awards recognize individuals' technical achievements in corrosion engineering. The achievements must have had significant effects on the practices of corrosion control or have enhanced the corrosion engineering profession. Recognized achievements can be in the areas of research, engineering, or education. The 2008 recipients are:

*James R. Dimond*

*Michael Mitchell*

### **Presidential Achievement Award**

**Iwao Matsui, Hiroshi Sekiguchi, Takashi Ishida, and Toyoji Takeuchi** have been selected to receive the 2008 Presidential Achievement Award at CORROSION 2008. This prestigious award is given for meritorious work by an individual or group and recognizes exceptional achievements that significantly enhance the stature of NACE. The 2008 award is given in recognition of the outstanding efforts of this group of individuals to charter the very successful NACE Tokyo Section, for fostering the development of education courses in Japan, and ensuring NACE CIP certifications are included in International Maritime Organization (IMO) specifications. **MP**

## **WCO Continues to Grow**

The World Corrosion Organization (WCO), which was formed in 2006 as an umbrella entity for corrosion organizations around the world, now has 25 member societies spanning six continents. Membership is open to any not-for-profit organization with significant focus on corrosion and corrosion mitigation. Worldwide, at least 73 such organizations have been identified.

As an umbrella organization, the WCO is working on becoming a Non-Government Organization affiliated with the United Nations to further heighten the awareness of corrosion around the world.

The founder members of the WCO are the Australasian Corrosion Association, Chinese Society for Corrosion and Protection, European Federation of Corrosion, and NACE International.

The WCO has four goals:

- To raise public awareness of corrosion and corrosion control
- To identify world best practices in corrosion management
- To facilitate the provision of corrosion control expertise to governments, industries, and communities
- To normalize corrosion-related standards worldwide

Toward that end, the WCO plans to hold four mini-workshops in conjunction with the following meetings in the fall of 2008:

- EUROCORR 2008, September 7 to 11, in Edinburgh, Scotland
- NACE Corrosion Technology Week, September 14 to 18, in Salt Lake City, Utah
- International Corrosion Conference, October 5 to 10, in Las Vegas, Nevada
- ACA Corrosion 2008, November 23 to 26, in Auckland, New Zealand

Each workshop will cover one of the goals and develop a detailed plan for that goal. The four documents will then be refined into a unified strategic plan at a meeting in the spring of 2009.

The second annual WCO General Assembly will be held during CORROSION 2008 on the afternoon of Tuesday, March 18, in the New Orleans Hilton Riverview Hotel (see p. 84). Representatives of corrosion societies are encouraged to participate. **MP**