



Institute News

Schlanger Receives AIChE Government and Industry Leaders Award

Marvin O. Schlanger, Chairman and former Chief Executive Officer of CEVA Group, PLC, and former Chairman of the Supervisory Board at LyondellBasell Industries, N.V., has been tapped to deliver the Welcoming Keynote Address at AIChE's Spring Meeting and Global Congress on Process Safety, to be held April 26–30 in Austin, TX (see related article, pp. 76–77). Schlanger will offer his insights on the current opportunities in the chemical process industries in his talk entitled “Chemical Engineering: Is this the Golden Age?” on Monday morning, April 27.



example of a leader who knows how to build and develop a global enterprise and encourage excellence in his organization,” she said.

The previous recipients of AIChE's AGILE Award are Rajeev Gautam (UOP, a Honeywell Company) in 2013, and William F. Banholzer (Dow Chemical Co. and the Univ. of Wisconsin-Madison) in 2014.

Schlanger earned BS and MS degrees in chemical engineering at Rutgers Univ. and the Univ. of Massachusetts, respectively. After beginning his career at Mobil, Schlanger joined

At the conclusion of his lecture, Schlanger will receive AIChE's Government and Industry Leaders (AGILE) Award — a prize that recognizes the contributions of innovative executives from businesses that employ chemical engineers. Schlanger is being honored for his leadership at CEVA Group, a \$9 billion logistics supplier to industry worldwide; LyondellBasell, a major player in the plastics, chemicals, and refining industries; ARCO Chemical; and other companies.

In announcing Schlanger's selection as AGILE Award recipient, June Wispelwey, Executive Director of AIChE, recognized Schlanger for his accomplishments in management, finance, and corporate strategy. “He is a remarkable

ARCO Chemical Co. in 1975, where he became chief financial officer, chief operating officer, and in 1998 was named President and CEO. He subsequently served as CEO and Chairman of Resolution Performance Products LLC; Chairman of Covalence Specialty Materials Corp.; Chairman of Resolution Specialty Materials LLC; and Chairman of the Supervisory Board at LyondellBasell Industries.

In addition to his role at CEVA Group, Schlanger is a principal at Cherry Hill Chemical Investments LLC, which provides management services and capital to the chemical and allied industries. He also serves on the boards of UGI Corp.; UGI Utilities; Amerigas Partners LP; Momentive Performance Materials Holdings, Inc.; and Hexion Holdings LLC.

AIChE MEMBERS ARE ELECTED TO THE NATIONAL ACADEMY OF ENGINEERING

The National Academy of Engineering (NAE) recently elected 67 new members and 12 foreign associates to its 2015 class. Election to the NAE is among the highest professional distinctions accorded an engineer. This year, the following AIChE members joined the NAE's distinguished ranks:

Karen Klincewicz Gleason, Associate Provost and Alexander and I. Michael Kasser Professor of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, MA — for invention, application development, scale-up, and commercialization of chemically vapor-deposited polymers.

Samir Mitragotri, Director, Center for Bioengineering, and Professor of Chemical Engineering, Univ. of California, Santa Barbara — for development, clinical translation, and commercialization of transdermal drug delivery systems.

Clayton J. Radke, Professor of Chemical and Biomolecular Engineering, Univ. of California, Berkeley — for contributions to the understanding of mixed-wettability and foam-enhanced oil recovery through thin-film and pore-scale models.

Doros N. Theodorou, Professor of Chemical Engineering, National Technical Univ. of Athens, Greece — for statistical-mechanical-based strategies and simulation algorithms to predict the structure and properties of polymers and zeolites.

Gavin P. Towler, Vice President and Chief Technology Officer, UOP LLC (a Honeywell company), Des Plaines, IL — for process designs for commercial petrochemicals and for leadership in refining and chemical research.

Michael Tsapatsis, Professor and Amundson Chair in Chemical Engineering and Materials Science, Univ. of Minnesota, Minneapolis — for design and synthesis of zeolite-based materials for selective separation and reaction.

Norman J. Wagner, Robert L. Pigford Chair of Chemical Engineering and Joint Professor, Dept. of Physics and Astronomy, Univ. of Delaware, Newark — for understanding flow-induced microstructural transitions in complex liquids and invention of ballistic-resistant fabrics by strain-hardening suspensions.

LI WINS INTERNATIONAL SCIENCE AND TECHNOLOGY COOPERATION AWARD

Norman N. Li, president of NL Chemical Technology, Inc. (Mount Prospect, IL), has been awarded the 2014 International Science and Technology Cooperation Award by the People's Republic of China. The award is China's highest honor given to foreign scientists, engineers, and organizations that have contributed to that nation's scientific and technological progress.



In addition to his accomplishments in membrane technology for water treatment and seawater desalination, Li was recognized for his devotion to the scientific collaboration between the chemical engineering communities of China and the U.S., and for contributing to China's international cooperation in clean energy and environmental engineering. Li has organized numerous Sino-U.S. joint chemical engineering conferences, and also serves as Chair of the Advisory Board at Beijing's newly established Clean Energy Research Institute.

A Fellow and past director of AIChE, Li is known for his invention of liquid membranes and mixed-matrix membranes for gas- and liquid-phase separations, as well as for reverse osmosis membranes used in desalination. He is a member of the U.S. National Academy of Engineering and a recipient of the Perkin Medal, as well as AIChE's Founders Award and Alpha Chi Sigma Award.

MENSAH ELECTED TO NATIONAL ACADEMY OF INVENTORS

Thomas O. Mensah, President of Georgia Aerospace Systems Manufacturing (Atlanta, GA) and a key figure in the development of fiber optics technologies, has been elected a Fellow of the National Academy of Inventors (NAI; www.academyofinventors.org). Mensah, an AIChE Fellow and a Trustee of the AIChE Foundation, was recognized for developing innovative nanocomposite materials used in unmanned aerial vehicles, the F-35 Stealth Fighter, and other defense systems.



Mensah and the other new NAI Fellows will be inducted on March 20 at the NAI's 2015 Annual Conference, to be held at the California Institute of Technology, Pasadena, CA.

Prior to founding Georgia Aerospace, which provides advanced composite materials and manufacturing processes for military and civil aircraft systems and applications, Mensah worked at Corning Glass Works, Inc., and at AT&T Bell Laboratories, where he led a team that demonstrated the fiber-optic guided-missile system. He holds seven patents in fiber optics technologies and has written three books.

Mensah is a past director of AIChE, a founding co-chair of the Minority Affairs Committee's Eminent Engineers Forum, and a director of the Nanoscale Science and Engineering Forum.

Richard Traeger, Past AIChE Secretary

Richard K. (Dick) Traeger, a past director and secretary of AIChE, died on Nov. 19, 2014, in Albuquerque, NM, at age 82.

Born in Madison, WI, Traeger earned his BS in chemical engineering at the Univ. of Wisconsin-Madison and, after working at B. F. Goodrich in Ohio, earned an MS in chemical engineering at Case Western Reserve Univ. He then relocated to Albuquerque, where he became a lecturer at the Univ. of New Mexico (UNM), and in 1963 he received the first PhD degree in chemical engineering awarded by UNM.

Traeger spent the next 36 years at Sandia National Laboratory, beginning with research in coal liquefaction and oil shale retorting, and later concentrating on materials research, hybrid electronics technology, and geothermal energy and geosciences. In the latter arena, he served on U.S. President Carter's Energy Committee, and enjoyed doing onsite research at both the Kilauea and Mt. St. Helens volcanoes. Prior to his retirement from Sandia in 1999, Traeger was one of Sandia's liaisons to the U.S. Congress

on national security issues.

Throughout his career, Traeger was an active AIChE member, beginning with leadership roles in the Fuels and Petrochemicals Div. and on several Institute committees. He was elected as an AIChE director (1987-1989), and later served as Institute Secretary (1992-1994).

In retirement, Traeger enjoyed hiking, racquet sports, bicycling, and cross-country skiing, and competed in several quadrathlon events. He mentored young people as a Little League baseball coach and as a supporter of school arts and music activities. He also volunteered with the Albuquerque Open Space Div. and as a docent at the New Mexico Museum of Natural History and Science.

He was preceded in death by his daughter, Laura Beth. He is survived by his wife of 60 years, Carol "Sonny" Traeger, four children, and ten grandchildren.

