CREE INC

Carter Mead

LUMILEDS LIGHTING

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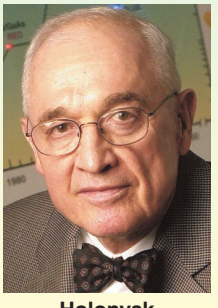
Craford Dupuis



BILL WIEGAND/UIUC

Holonyak

Cree Inc in Durham, North Carolina.

Carver Mead received a medal for his "pioneering contributions to the microelectronics field that include spearheading the development of tools and techniques for modern integrated-circuit design, laying the foundation for fabless semiconductor companies, catalyzing the electronic-design automation field, training generations of engineers that have made the United States the world leader in microelectronics technology, and founding more than 20 companies." He is the Gordon and Betty Moore Professor of Engineering and Applied Science Emeritus at Caltech.

A team medal went to **M. George Craford**, **Russell D. Dupuis**, and **Nick Holonyak Jr** for their "contributions to the development and commercialization of light-emitting diode (LED) technology, with applications to digital displays, consumer electronics, automotive lighting, traffic signals, and general illumination." Craford is the chief technology officer of Lumileds Lighting in San Jose, California, and Dupuis is the Steve W. Chaddick Endowed Chair in Electro-Optics and a Georgia Research Alliance Eminent Scholar at the Georgia Institute of Technology. Both are former graduate students of Holonyak, who also received a National Medal of Science in 1990. Holonyak is a John Bardeen Chair Professor of Electrical and Computer Engineering and Physics at the University of Illinois at Urbana-Champaign.

DuPont in Wilmington, Delaware, won a company medal for its "policy and technology leadership in the phase out and replacement of chlorofluorocarbons in the environment during the past three decades." The chair and CEO, **Charles O. Holliday Jr**, accepted the medal on behalf of the company.

Anthony Tweed

SoR Honors Marrucci and Others

The Society of Rheology presented two awards at the 75th meeting of the society, held this past November in Pittsburgh, Pennsylvania.

Giuseppe Marrucci, professor of chemical engineering at the University of Naples in Italy, received the Bingham Medal, the society's highest honor. He was recognized for the "extraordinary breadth and depth of [his] contributions to the science of rheology." According to the citation, the scope of his contributions include his work on entangled polymers, liquid crystals and liquid crystalline polymers, constitutive equations and non-Newtonian fluid mechanics, dilute polymer solutions, and his service to the rheological community.

Marrucci

The 2003 *Journal of Rheology* Publication Award was shared by **Kasiraman Krishnan**, **Bryan Chapman**, **Frank S. Bates**, **Timothy P. Lodge**, **Kristoffer Almdal**, and **Wesley R. Burghardt** for their article "Effects of Shear Flow on a Polymeric Bicontinuous Microemulsion: Equilibrium and Steady State Behavior," which appeared on page 529 in volume 46 of the journal. Krishnan is a chemical engineer at GE Global Research in Niskayuna, New York. Chapman works as a senior research engineer for ExxonMobil Chemical in Baytown, Texas. Bates is professor and head of chemical engineering and materials science at the University of Minnesota, Twin Cities. Lodge is a professor of chemistry and a professor of chemical engineering and materials science at the University of Minnesota, Twin Cities. Almdal is head of the department at the Danish Polymer Center at the Risø National Laboratory in Denmark. Burghardt is a professor of chemical and biological engineering at Northwestern University.

ASA Awards Presented in Austin

The Acoustical Society of America held its 146th meeting in Austin, Texas, in November last year. At the meeting, the society honored three individuals for their contributions to the field.

Sabih I. Hayek received the society's Trent–Crede Medal for his "contributions to the understanding of sound interaction with submerged structures." Hayek is a distinguished professor emeritus of engineering mechanics at Pennsylvania State University.

The Silver Medal in Physical Acoustics was presented to **Philip L. Marston**, professor of physics at Washington State University in Pullman. He was recognized for his "contributions to generalized ray theories for acoustical scattering, and the acoustical manipulation of fluids to study fundamental phenomena in fluid mechanics and optics."

Emily Thompson was given ASA's Science Writing Award for Journalists for her book *The Soundscape of Modernity: Architectural Acoustics and the Culture of Listening in America, 1900–1933* (MIT Press, 2002). Thompson is a visiting scholar in MIT's Program in Science, Technology, and Society.

IOP Bestows Awards

On 22 January, Britain's Institute of Physics is presenting its prizes for 2004 at an awards dinner in London.

The Charles Vernon Boys Medal and Prize are going to **Mark Lancaster**, lecturer in the department of physics and astronomy at University College London. He is being recognized for his "important contributions to experimental high-energy physics, in particular to the ZEUS experiment (DESY, Hamburg) to investigate the structure of the proton and to the experiment at the Collider Detector at Fermilab (US) to measure the mass of the W-boson."