Dr. Musa R. Kamal, Professor Emeritus at McGill University, Montreal, Quebec, Canada, received the International Award for lifetime achievement in plastics engineering, science, or technology. The International Award is sponsored by SPE’s Engineering Properties & Structure Division.

Professor Kamal carried out pioneering and leading research in a number of important areas that made him an internationally recognized leader in the field of polymer engineering and science. With his research team, he published around 300 technical papers and made a similar number of presentations at technical meetings, including many plenary or keynote lectures. He holds six United States patents and has edited/co-edited/co-authored six books.

A member of the McGill faculty since 1967 (following six years at American Cyanamid), Professor Kamal’s research contributions include research in injection and micro-injection molding, blow molding, plastic films, vibration-welded and laser-welded joints, reactive systems and polymer reactivity, weatherability of plastics, chemical recycling of polymers, polymer/fiber composites, polymeric nanocomposites, rheology, crystallization and morphology, and thermal and surface properties. He has supervised or co-supervised 46 PhD projects, 88 master’s projects, 17 post-doctoral researchers, 6 current PhD students, and 4 current post-doctoral researchers, and among his former trainees are professors, directors of research institutes and centers, research managers, company presidents and vice presidents, and senior university administrators.

Professor Kamal’s academic degrees are all in chemical engineering: BS (High Honors) from the University of Illinois, and M.Eng. and PhD from Carnegie-Mellon University. He is a member of the Polymer Processing Hall of Fame; a Fellow of the Plastics Academy; a Fellow of the Royal Society of Canada, Academy of Sciences; a Fellow of the Chemical Institute of Canada; and an SPE Fellow. In 1984, he received SPE’s International Education Award.

Dr. Rajendra K. Krishnaswamy, Senior Scientist in the product development group at Metabolix, Inc./Telles, Inc., received the Research/Engineering Technology Award for lifetime achievement in plastics research or engineering.

In recommending Dr. Krishnaswamy for this award, Dr. Sally Kline, Director of Technology at Telles, wrote, “[Dr. Krishnaswamy] has made significant contributions to the polymer industry specifically in the area of polymer rheology. At Telles he worked with his team to develop unique patented technology of new PHA biopolymers commercially introduced as Mirel™. Specifically on this program he developed new formulation and secondary processing methodologies for films. The direct result of his efforts led to the successful commercial introduction of new film grades of Mirel PHA grades. His approach to product development combines his theoretical understanding of polymer rheology with traditional scientific methods including design of experiments (DOE) approaches to new product development.”

Dr. Krishnaswamy received his B.Tech. in chemical engineering from IIT-BHU in India and his PhD in chemical engineering from the University of Kentucky. He did post-doctoral research in polymer processing at Virginia Tech. Prior to his tenure at Metabolix, he was team leader in polymer science at Chevron Phillips Chemical Co. Among his many other honors and accomplishments, he is a Fellow of SPE, a founding Board member of SPE’s Bioplastics SIG, and a member of the Board of Directors of
SPE's Engineering Properties & Structure Division.

**Dr. Walter L. Bradley,**
Distinguished Professor of Engineering at Baylor University, Houston, Texas, USA, received the Education Award for lifetime achievement in plastics or polymer education (this award is sponsored by SPE’s Detroit Section in memory of Fred Schwab, a founding member of SPE, and by the SPE Automotive Division).

Dr. Bradley has been a strong and effective champion of polymers and polymeric composites education at Texas A&M University (TAMU) from 1976 to 2000 and since then at Baylor University. Working with three colleagues, he helped launch the Polymeric Composites Research Center at TAMU that was funded by the Air Force Office of Scientific Research from 1977 to 1987. Dr. Bradley expanded the work on polymers and polymeric composites at TAMU by creating and directing the Polymer Technology Center at TAMU from 1986 to 1989 and from 1994 to 2000. Since 2005, Dr. Bradley has been developing a polymers and polymeric composites emphasis at Baylor that features the use of natural materials such as coconut fibers and shell in polymeric composites as reinforcement or in nonwoven fabric composites, helping create opportunities for poor coconut farmers around the world.

While developing this wide variety of research opportunities for undergraduate and graduate students at TAMU and Baylor, he has also greatly expanded the coverage of polymers in the required introduction to materials sciences curricula, while introducing more in-depth sequel courses such as Engineering With Plastics for undergraduates and Mechanical Behavior of Polymers and Polymeric Composites for graduate students at Baylor.

Dr. Bradley’s academic degrees are both from the University of Texas at Austin: BS in Engineering Science and PhD in Materials Science.

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**SPE Fellows & Honored Service Members**

SPE recognized five new Honored Service Members and five new Fellows of the Society at ANTEC 2011. Honored Service Members have demonstrated “long-term, outstanding service to SPE and its objectives,” and were sponsored by the Board of Directors of at least one SPE Section or Division. The inductees for 2011 are:

- Earl W. Balthazar III
- Ken J. Braney
- Dr. Gregory A. Campbell
- Joseph J. Duska
- Irvin E. Poston

Fellows of the Society have “contributed to the field of plastics engineering, science or technology, or to the management of such activities.” Candidates are sponsored by an SPE Division or Special Interest Group, and are selected based on their professional accomplishments, written sponsorship, and long-term status as Senior Members of SPE. The inductees for 2010 are:

- Dr. Richard C. Bopp, NatureWorks LLC
- Dr. Furong Gao, Hong Kong University of Science and Technology
- Dr. David O. Kazmer, University of Massachusetts, Lowell
- Dr. Andrew J. Peacock, Tredegar Film Products
- Dr. Kalyan Sehanobish, The Dow Chemical Company

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**SPE International Award Winners, 1986–2010**

*Member of Plastics Hall of Fame

1986 Nathaniel C. Wyeth*
1987 Dr. Wolfgang A. Mack
1988 Bruce H. Maddock*
1989 Dr. Raymond B. Seymour*
1990 Dr. Frederick J. Karol*
1991 Dr. Walter H. Stockmayer
1992 Dr. Richard H. Boyd
1993 Dr. Donald R. Paul
1994 Dr. Edwin J. Vandenbarg
1995 Dr. Shiro Matsuoka
1996 Dr. Robert S. Langer
1997 W. Brandt Goldsworthy*
1998 Dr. James E. McGrath*
1999 Dr. Christopher W. Macosko
2000 Harvey E. Bair
2001 Dr. Alan G. MacDiarmid*
2002 Dr. Montgomery T. Shaw
2003 Glenn L. Beall*
2004 Dr. Gregory B. McKenna
2005 Dr. Costas G. Gogos
2006 Dr. Lawrence J. Broutman
2007 Dr. William J. MacKnight
2008 Dr. Robert A. Weiss
2009 Dr. Donald G. Baird
2010 Dr. L. James Lee