MICHIGAN STATE UNIVERSITY | Department of Chemistry

DOW

The Dow/Karabatsos Distinguished Lectureship

The Dow/Karabatsos Lecture Series in the Chemical Sciences has enriched the experience of workers in the chemical sciences at MSU for over thirty years. As is evident from the list of distinguished speakers, this lectureship has provided opportunities for students and faculty to interact with outstanding researchers from all areas of chemistry. We are grateful to Dow for their ongoing support that permits us to continue the tradition of extending invitations to outstanding scholars and teachers such as Professor Brookhart. The Department has started an endowment for this lecture series in honor of Professor Gerasimos J. Karabatsos.

If you're interested in contributing to the Karabatsos Lecture Fund, please visit:
http://www.chemistry.msu.edu/KarabatsosFund

Previous Dow/Karabatsos Lecturers

1981	George A. Olah*
1982	Gabor A. Somorjai
1983	Allen J. Bard
1984	John H. Sinfelt
1985	Robert G. Bergman
1986	Paul von R. Schleyer
1987	Robert H. Grubbs*
1988	F. Albert Cotton
1989	Julius Rebek
1990	Tobin J. Marks
1991	Nicholas J. Turro
1992	Marye Anne Fox
1993	Richard H. Holm
1994	John I. Brauman
1995	Josef Michl
1996	JoAnne Stubbe
1997	Dale L. Boger
1998	Fred W. McLafferty
1999	Daniel G. Nocera
2000	K. C. Nicolaou
2001	Richard R. Schrock*
2002	Jean M.J. Fréchet
2003	Robert H. Grubbs*
2004	Galen D. Stucky
2005	Donald A. Tomalia Emmanuel P. Giannelis Andrew Ellington Joseph A. Caruso Larry R. Dalton
2006	Sidney M. Hecht
2007	John E. Bercaw
2008	Peter J. Stang
2009	David W. C. MacMillan
2010	Daniel A. Singleton

*Nobel Prize Winner

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Dow/Karabatsos Distinguished Lectureship

in the

Chemical Sciences

Presents

Professor Maurice Brookhart

William R. Kenan, Jr.
Professor of Chemistry

Department of Chemistry
University of North Carolina at Chapel Hill

February 7, 8, and 9, 2012

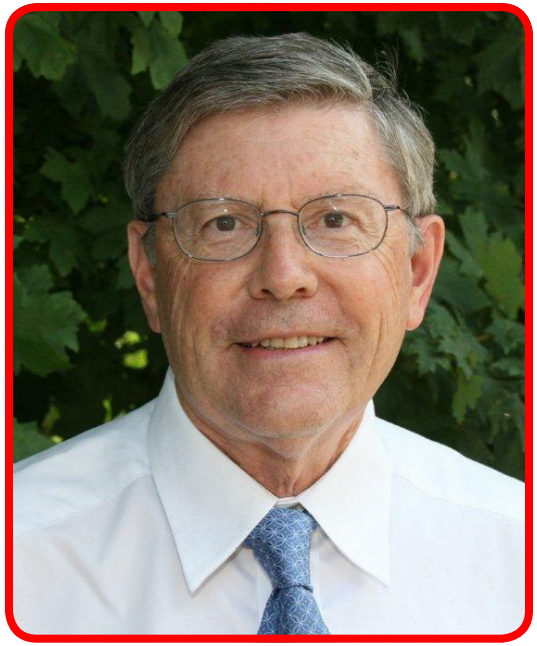
Sponsored by:
The Dow Chemical Company
and the
MSU Department of Chemistry

Lecture Topics

Tuesday, February 7, 2012
4:20 pm, Room 138 Chemistry
"Alkane Metathesis: A Route to Tomorrow's Fuels?"

Wednesday, February 8, 2012
4:20 pm, Room 136 Chemistry
"Generation of Transition Metal Alkane Complexes and Related Chemistry"

Thursday, February 9, 2012
2:30 pm, Room 136 Chemistry
"Catalysis via Iridium Silyl and Silane Complexes"



Maurice Brookhart (b. 1942) grew up in the mountains of western Maryland and attended Johns Hopkins University in Baltimore where he received an A.B. degree in chemistry in 1964. He carried out his doctoral work in physical organic chemistry at UCLA under the direction of Saul Winstein. After finishing the Ph.D. degree in 1968, he spent six months as a National Science Foundation postdoctoral fellow at UCLA, followed by a year of study at Southampton University as a NATO postdoctoral fellow. Brookhart joined the University of North Carolina faculty in 1969 and is currently a William R. Kenan, Jr. professor of chemistry. He has spent research leaves at Rennes, Oxford, UC-Berkeley, Seville, Marburg and the Max Planck Institute, Muelheim. Brookhart served as associate editor of Organometallics (1990-96) and received the 1992 ACS Award in Organometallic Chemistry, a 1994 ACS Cope Scholar Award and the 2003 ACS Award in Polymer Chemistry. He was elected to the American Academy of Arts and Sciences in 1996 and the National Academy of Sciences in 2001 and received the Gibbs Medal in 2010.

Professor Brookhart's research interests span mechanistic, synthetic, and structural organometallic chemistry. Most recently his efforts have focused on the development and mechanistic understanding of late transition metal complexes for olefin polymerizations and employing carbon-hydrogen bond activation processes for catalytic transformations of small molecules.