

The symposium will take place at the Chemistry Lecture Hall of the University of Heidelberg (Im Neuenheimer Feld 252, Hörsaal West)



Sonderforschungsbereich 623  
[www.sfb623.uni-hd.de](http://www.sfb623.uni-hd.de)  
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SFB 623

# SYMPOSIUM

"Modern Metallocene  
Chemistry and Catalysis"

honouring

*Prof. Dr. Dr. h.c. mult.  
Hans-Herbert Brintzinger*

July 2, 2004  
Heidelberg

Organized by the Collaborative Research Center (SFB 623)  
"Molecular Catalysts: Structure and Functional Design"  
of the University of Heidelberg



# PROGRAM

**13:45 Opening**

**13:50 Hans-Herbert Brintzinger**  
Konstanz

"Recent Advances and Open Questions in the Field of Metallocene Polymerization Catalysis"

**14:50 Gerhard Erker**  
Münster

"The Taming of the Shrew. Developing a Functional Group Chemistry at the Bent Metallocenes"

**15:50 Coffee break**

**16:15 Walter Kaminsky**  
Hamburg

"The Importance of Ansa-Metallocene Catalysts for the Stereospecific Olefin Polymerization"

**17:15 John E. Bercaw**  
California Institute of Technology

"Olefin Oligomerization and Polymerization with Organochromium and Organozirconium Catalysts"



H.-H. Brintzinger finished his PhD at the university of Basel in 1960, where he also completed his habilitation in 1964. He then served as professor of chemistry at the University of Michigan and was appointed full professor at the University of Konstanz in 1972. His research focusses on organo-metallic compounds as catalysts for polymerization reactions.



G. Erker obtained his PhD from the University of Bochum in 1973. Following a postdoc with M. Jones in Princeton, he completed his habilitation in Bochum in 1981. Prof. Erker has been a full professor at the University of Münster since 1990. His research interests include the chemistry of early transition metals and polymerization reactions.



W. Kaminsky was born in Hamburg in 1941. He completed his PhD in Hamburg and has been full professor in Hamburg since 1979. He is engaged in polymer research, focussing on the development of new catalysts and novel processes.



J. E. Bercaw finished his PhD with H.-H. Brintzinger in 1971. Following a Postdoc with J. Halpern, he joined the California Institute of Technology in 1972 and is now Centennial Professor of Chemistry. He investigates the chemistry of early and late transitions metal compounds.