Description

The use of secondary interactions for the activation of non-reactive substrates constitutes a new and modern approach in catalysis. This first comprehensive treatment of this important research field covers the entire field and reveals the links between the various chemical disciplines. It thus adopts an interdisciplinary approach, making it of interest to the whole chemical community.

A must for organic, inorganic, catalytic and complex chemists, as well as those working with/on organometallics.

About the Author

Carsten Bolm became Professor of Organic Chemistry at the University of Marburg (Germany) in 1993, and since 1996 he has been full professor for Organic Chemistry at the RWTH Aachen University (Germany). He held visiting professorships at universities in Madison, Wisconsin (USA), Paris (France), Florence (Italy), Milan (Italy), Namur (Belgium) and Tokyo (Japan). His list of awards include the Heinz-Maier-Leibnitz prize, the ADUC-Jahrespreis for habilitands, the annual prize for Chemistry of the Akademie der Wissenschaften zu Gottingen, the Otto-Klung prize, the Otto-Bayer award, a fellowship of the Japan Society for the Promotion of Science, and the Prix Franco-Allemand. With Wiley-VCH he edited books (together with Matthias Beller) on Transition Metals for Organic Chemistry and (together with Takeshi Toru) on Organosulfur Chemistry in Asymmetric Synthesis.

Ekkehardt Hahn became Professor of Inorganic Chemistry at the Free University of Berlin in 1992. Since 1998 he is full professor of Inorganic Chemistry at the University of Munster (Germany). He held visiting professorships at the University of California,
Berkeley (USA), the Universidad de Zaragoza (Spain), the National University of Singapore, and the Institute of Organic Chemistry of the Academia Sinica, Shanghai (PR China). His lists of awards include a Karl Winnacker Fellowship and the election to the Academia de Ciencias Exactas, Fisicas, Quimicas y Naturales de Zaragoza, Spain. He holds a Julius von Haast visiting Professorship at the University of Auckland (New Zealand) and since 2004 serves as Permanent Secretary of the International Conference on Organometallic Chemistry

To purchase this product, please visit https://www.wiley.com/en-us/9783527318230