ORGANOMETALLICS

Volume 22, Number 8, April 14, 2003

Editor's Page

Computational chemistry has become an important part of research in organometallic chemistry, and *Organometallics* has published quite a few theoretical papers, especially in the last 10 years. The review in the present issue by Budzelaar, Engelberts, and van Lenthe brings a theoretical study and review of a fascinating class of organometallic compounds: the cyclopentadienyl derivatives of the main-group metals and metalloids which, as the authors say, "show a bewildering variety of bonding arrangements." Since this review deals with theoretical bonding aspects, it should be no surprise that our cover molecule is a "theoretical" one, a model compound, one that has not yet been prepared or isolated. The molecule is cyclopentadienyl(hydrido)silylene, C_5H_5SiH, a challenging synthetic target in organosilicon chemistry. Shown with it are its σ- and π-bonding valence bond orbitals.

The cover figures were kindly provided by the authors.

Dietmar Seyferth
Editor

OM0300528

10.1021/om0300528 CCC: $25.00
Publication on Web 04/07/2003