

A Journal of the Gesellschaft Deutscher Chemiker

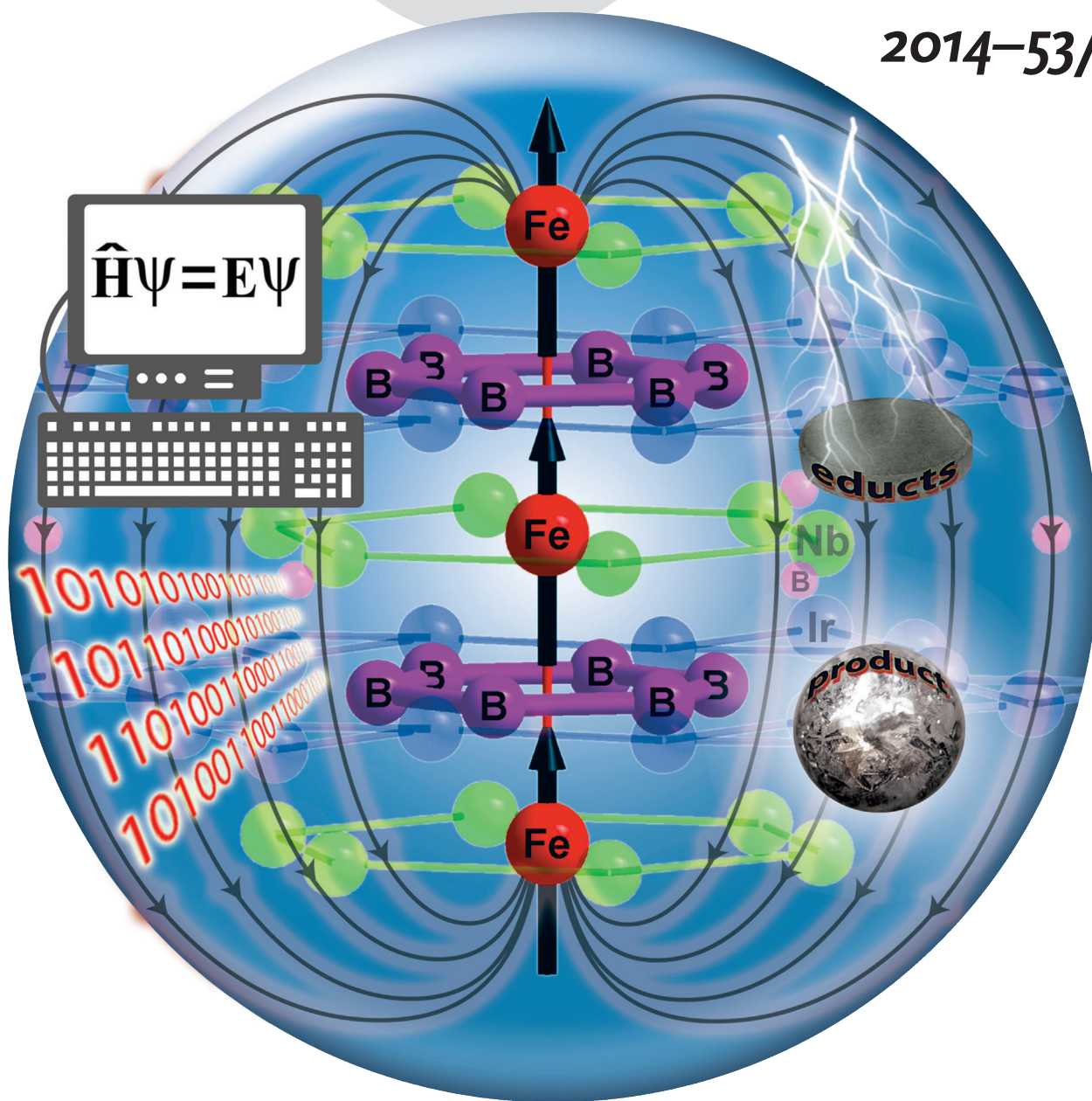
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2014–53/48



Planar boron rings ...

... were predicted some years ago by scientists studying gas-phase boron clusters as building blocks for designing new molecular and solid-state materials. In their Communication on page 13174 ff., B. P. T. Fokwa et al. report experiments and density functional calculations used in a synergistic manner for the discovery of the new ferromagnetic material, $\text{Nb}_6\text{Fe}_{1-x}\text{Ir}_{6+x}\text{B}_8$ ($T_c = 350\text{ K}$), containing in its crystal structure iron chains embedded in stacked B_6 rings.

WILEY-VCH