

A Journal of the Gesellschaft Deutscher Chemiker

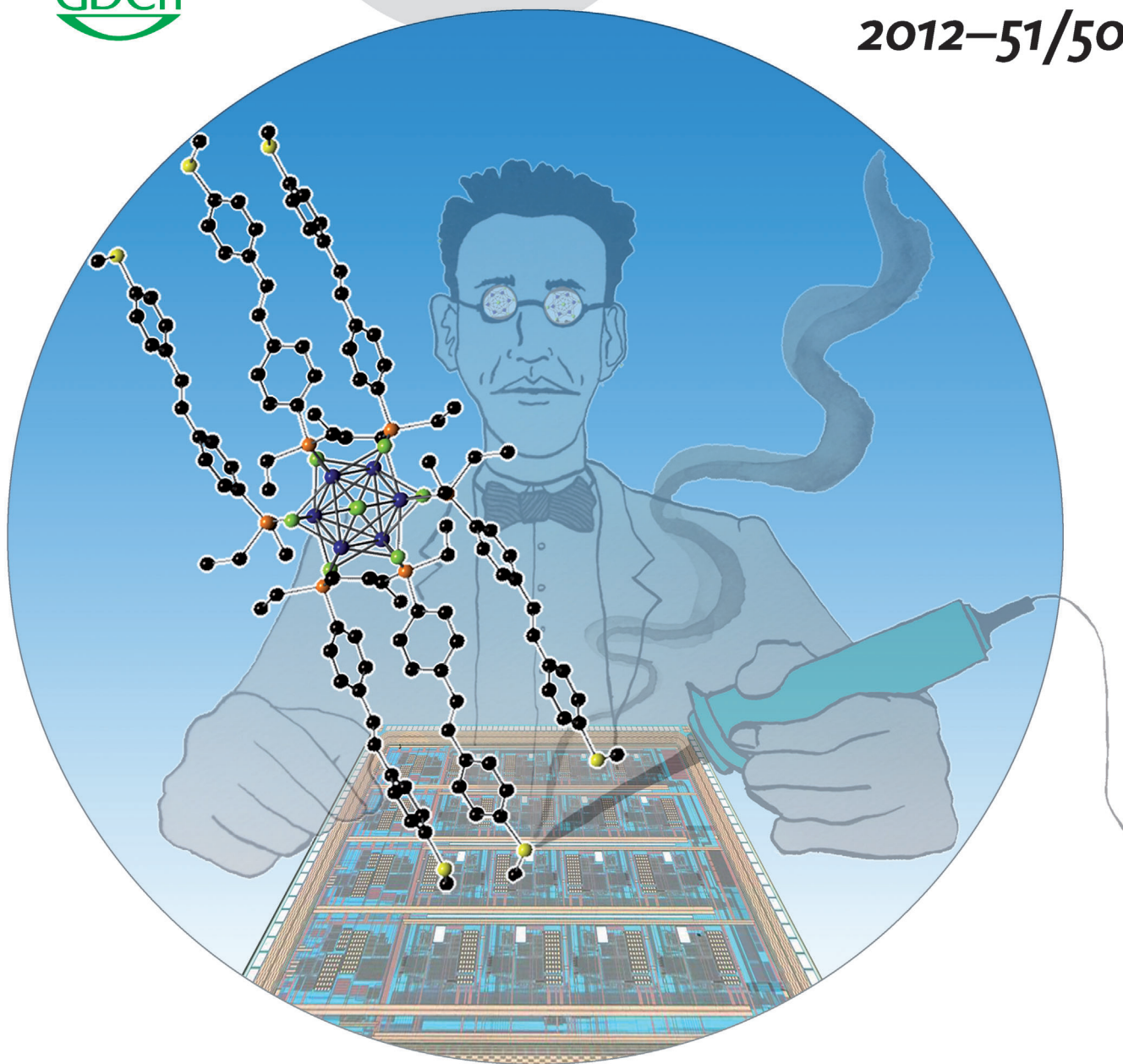
Angewandte Chemie

International Edition

GDCh

www.angewandte.org

2012–51/50



Single quantum-dot electronic circuits ...

... are fabricated by wiring atomically precise metal chalcogenide clusters with conjugated molecular connectors. In their Communication on page 12473 ff., L. Venkataraman, C. Nuckolls, M. L. Steigerwald et al. report a method for the preparation of structurally and electronically discrete quantum dots on the molecular scale that connect reliably to nanoscale electrodes. The picture shows a caricature of Schroedinger soldering a molecule into a computer chip.

 WILEY-VCH