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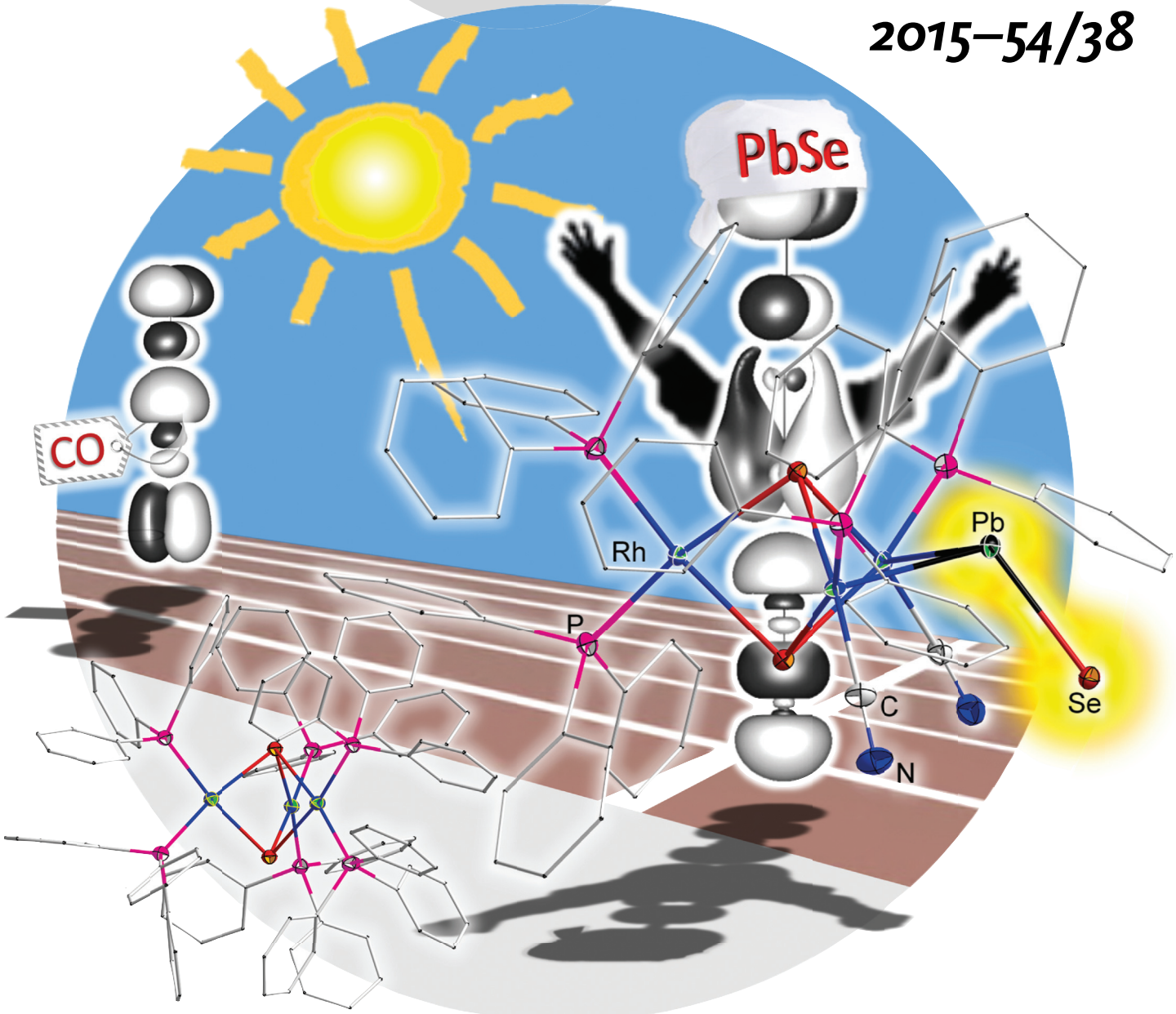

The heaviest CO-homologous ligand {μ-PbSe} ...

… for transition metals is coordinated to a trigonal bipyramidal {Rh_3Se_2}-based cluster, as reported by S. Dehnen et al. in their Communication on page 11283 ff. A bent coordination mode for {μ-PbSe} is favored over both planar Rh–(μ-PbSe)–Rh coordination and bridging by CO as a result of the size and the energetic order of the larger ligand's molecular orbitals, which fit better with the steric demands of the cluster than those of CO.

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