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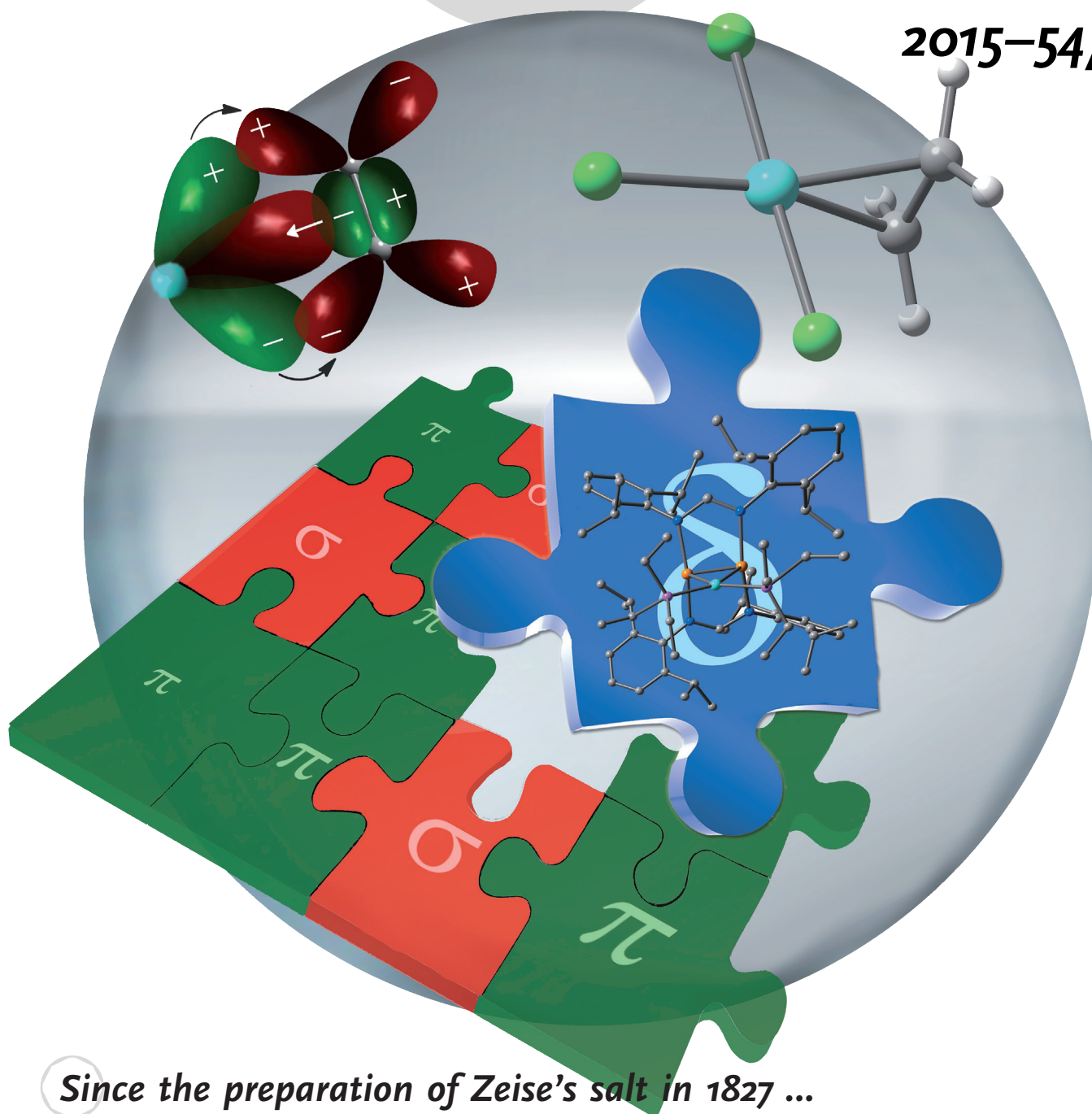
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Since the preparation of Zeise's salt in 1827 ...

... a wealth of transition-metal–main-group element π and σ complexes have been synthesized and characterized. The best interpretation of their bonding is the Dewar–Chatt model. In their Communication on page 9106 ff., Y.-C. Tsai et al. now show that metal–metal bonds, such as the Mo–Mo quintuple bond, can act as a ligand to stabilize transition-metal complex fragments and form δ complexes, and their bonding can still be described by the Dewar–Chatt model.

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