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Multidecker Sandwich Compounds: Nontrivial Chemical Category of Organometallic Chemistry

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

In 1972, on the wave of ferrocene's discovery, Salzer and Werner isolated the first tripledecker cation, $[Ni_2(C_5H_5)_3]^+$, and, subsequently, Grimes presented the first crystallographically characterized triple-decker complex, $[(C_5H_5Co)_2RC_2B_3H_4]$ (R = Me/H), opening a new, exciting age for organometallic chemistry: the area of multidecker sandwich complexes. Numerous homo- or hetero-multidecker complexes were prepared involving a plethora of molecular entities, such as heterocycles, arenes, porphyrins, and so on, which may act as bridging or capping ligands. The broad potential applications of these complexes, derived from the enormous possible combinations of ligands and metals, range from electronic, magnetic, and optical materials to molecular information storage applications. **To celebrate 50 years from the thrilling discovery of tripledeckers, *Inorganics* is glad to announce the publishing of a Special Issue about multidecker compounds.** I am pleased to invite you to contribute to this Special Issue with research and/or review articles, dedicated to recent advances in the wide-ranging organometallic chemistry of multidecker compounds.

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Message from the Editor-in-Chief

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