

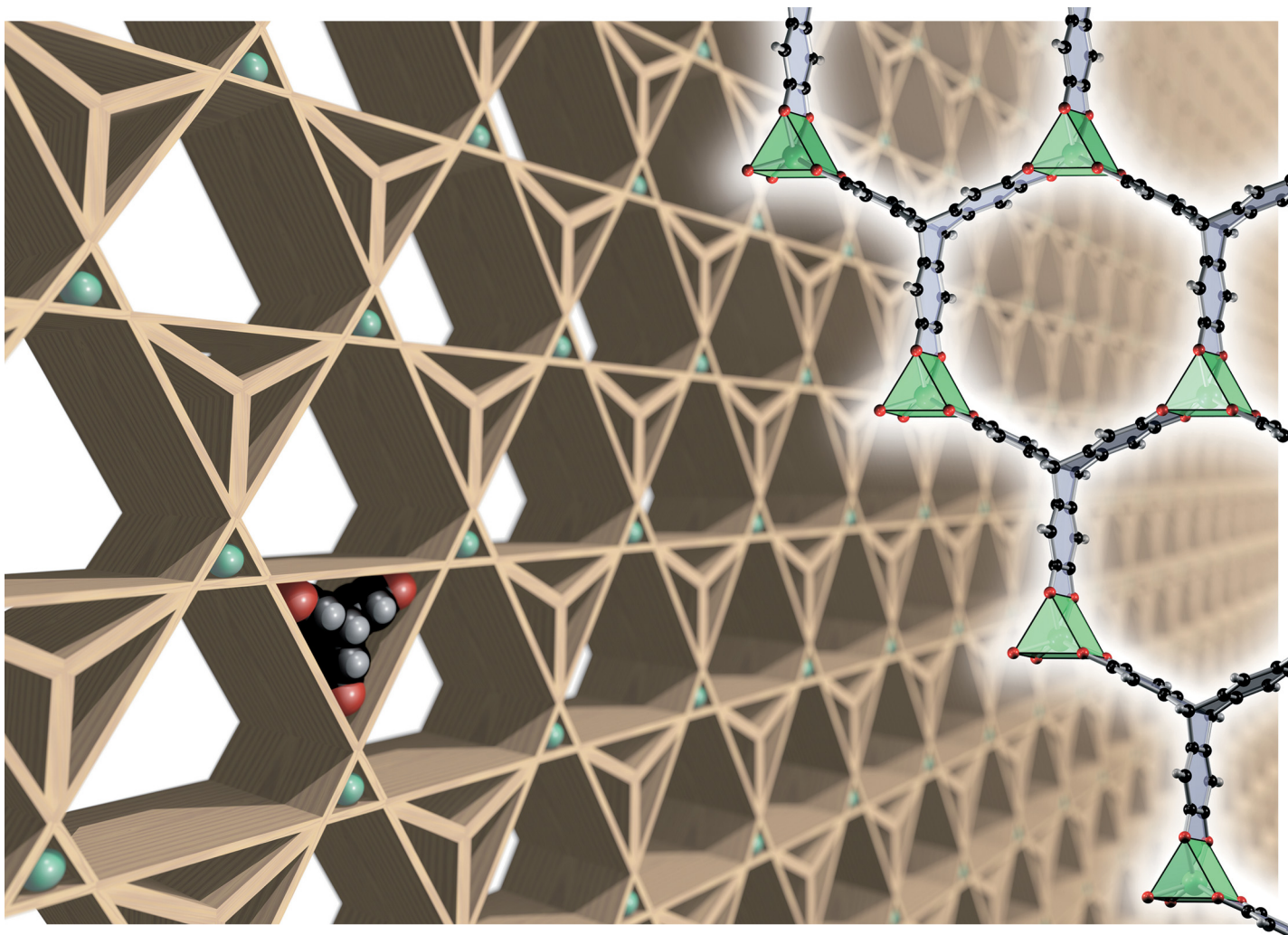
RSC Applied Polymers

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**Fundamental questions
Elemental answers**



**Showcasing research from Professor Awaga's laboratory,
Department of Chemistry, Nagoya University, Nagoya,
Japan.**

Ideal trigonal prismatic coordination geometry of Co(II)
in a honeycomb MOF with a triptycene-based ligand

Ideal trigonal prismatic coordination geometry of the
Co ion was achieved in a two-dimensional honeycomb
MOF structure that consists of two simple components,
namely a triptycene-based non-planar 3-fold symmetric
bridging ligand and a Co ion.

As featured in:



See Masahisa Tsuchiizu,
Kunio Awaga *et al.*,
Chem. Commun., 2023, **59**, 10105.