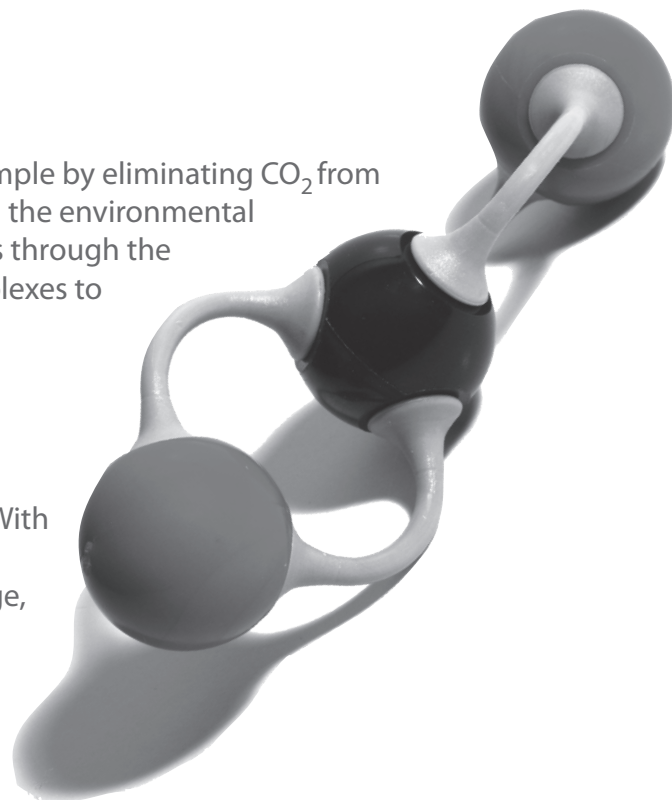


Dalton Transactions web theme issue:

CO₂ at metal centres

Methods for decreasing excess atmospheric CO₂, for example by eliminating CO₂ from gas-streams during air purification processes, are high on the environmental agenda. The chemistry of carbon dioxide at metal centres through the co-ordination of CO₂ or by reacting CO₂ with metal complexes to prepare carbon containing derivatives may hold some of the answers.

This timely web theme issue, guest edited by Dr. Roger Guilard, Professor of Chemistry at the University of Bourgogne in Dijon, France addresses exactly this topic. With contributed articles printed in regular issues of *Dalton Transactions* and collected online on a dedicated webpage, this first web theme issue from a series to appear in *Dalton Transactions* hails a new age in dynamic and flexible special issue publishing.



Topics covered in CO₂ at metal centres include:

**Study of CO₂ sequestration
by various materials**

Catalytic synthesis using CO₂ as a building block

**CO₂ as a building block for
supramolecular assemblies**

**Chemistry of CO₂
inspired by nature**

**Metal assisted
catalytic reactions in
compressed CO₂**

**Activation of CO₂ via formation of metal-
CO₂ complexes or insertion into metal-
heteroatom bonds**

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