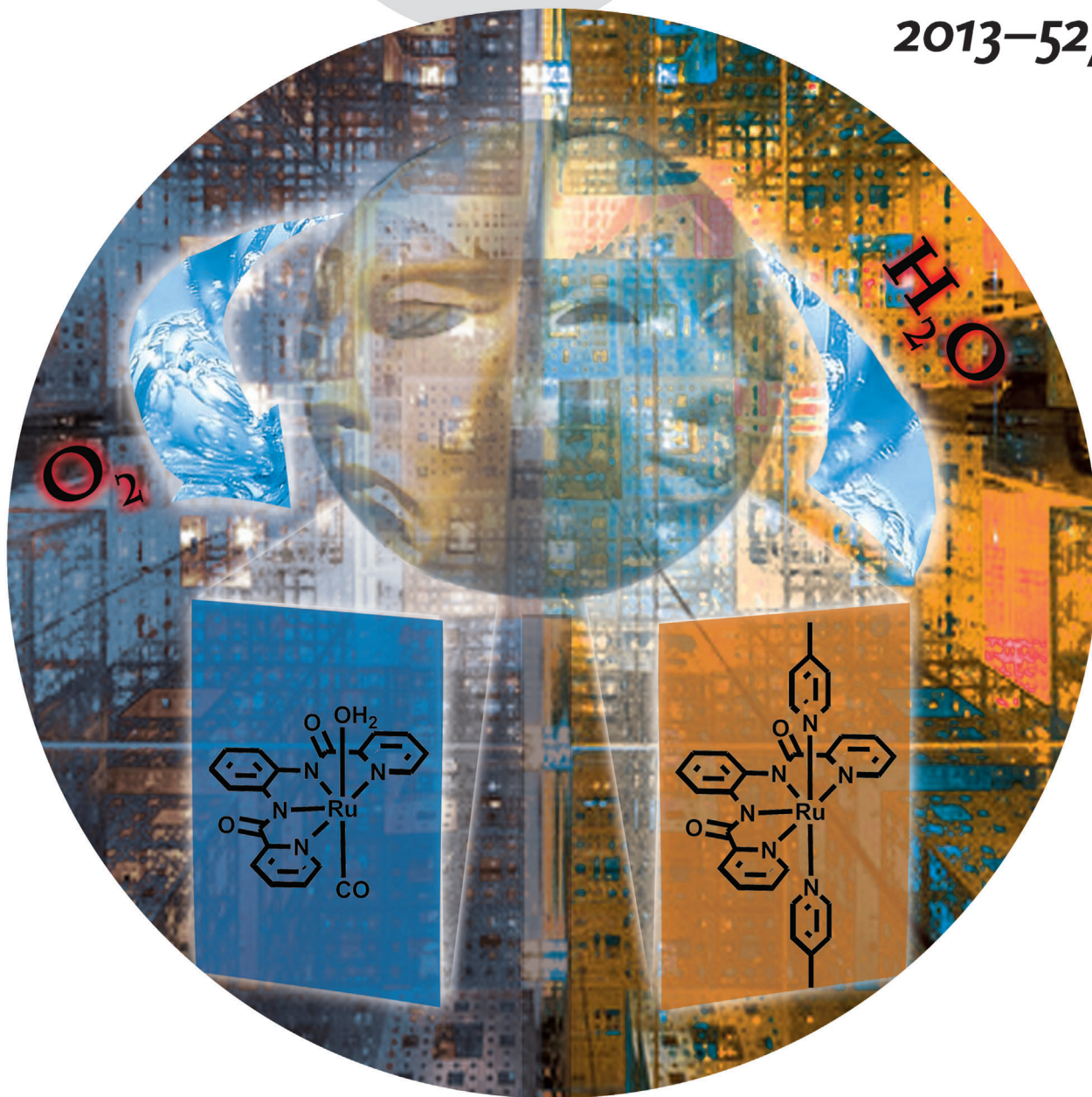


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Two single-site ruthenium catalysts ...

... display a Janus-face-type behavior despite structural similarities. One complex is an efficient catalyst for the oxidation of water whereas the CO-containing complex, formed during catalysis, was found to be inactive. In their Communication on page 4189 ff., B. Åkermark and co-workers present a previously undiscovered deactivation pathway for ruthenium-based water-oxidation catalysts. Extensive studies were carried out to explain the diverse behavior in catalysis.

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