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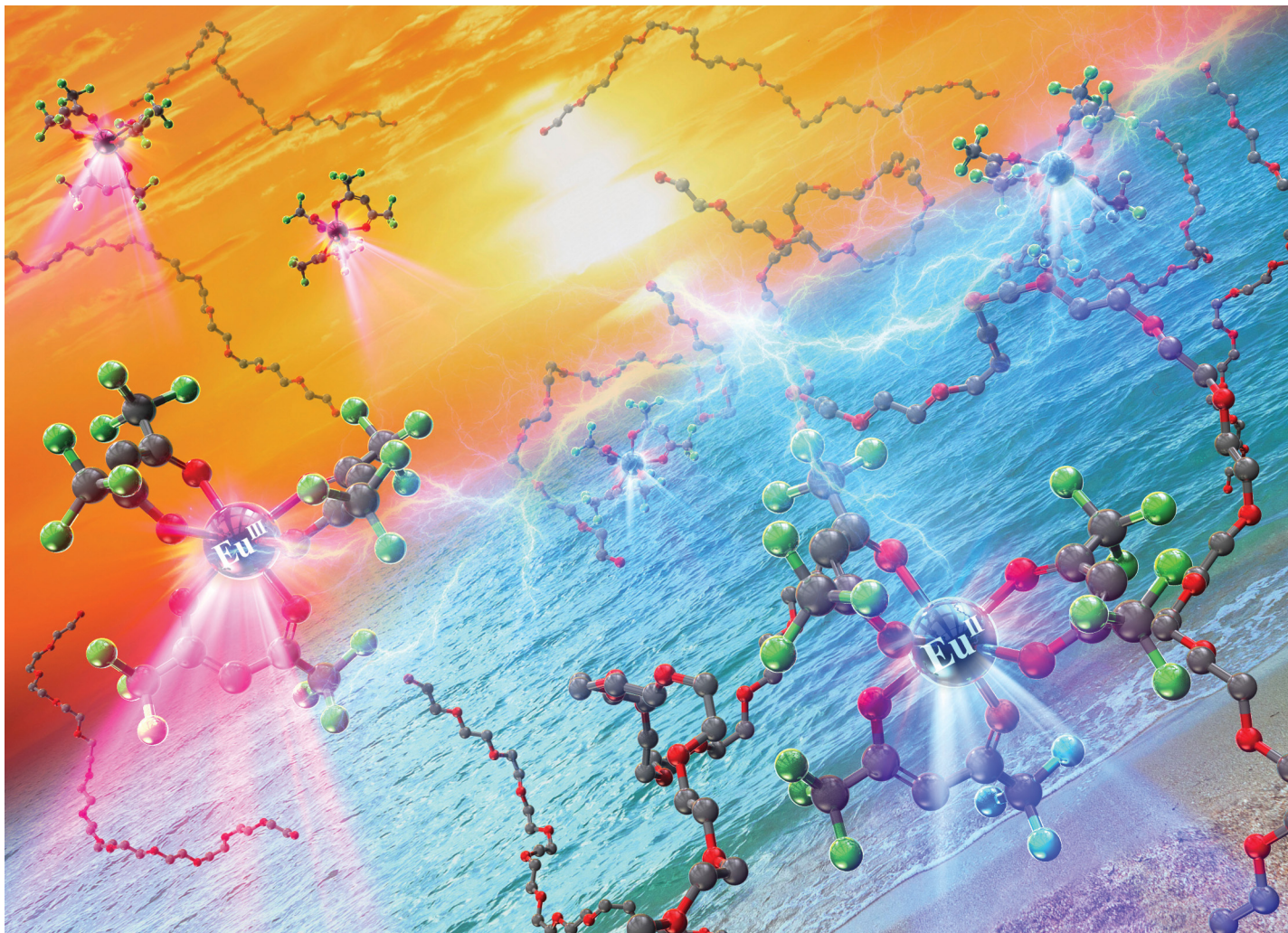


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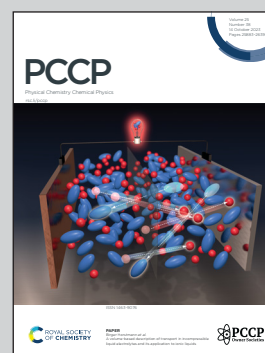


Showcasing research from the Group of
Prof. Norihisa Kobayashi and Prof. Kazuki Nakamura
 at the Graduate School of Engineering, Chiba University.

Electrochemically regulated luminescence of europium
 complexes with β -diketone in polyether matrices

This study investigates the electrochemical modulation of
 photoluminescence colour, *i.e.* electrofluorochromism, of
 a europium complex in a polyether solvent. The sharp red
 luminescence originating from the f-f transition of Eu^{3+} was
 changed to broad blue luminescence from the d-f transition
 of the Eu^{2+} state by electrochemical redox reactions.

As featured in:



See Kazuki Nakamura *et al.*,
Phys. Chem. Chem. Phys.,
 2023, **25**, 25979.