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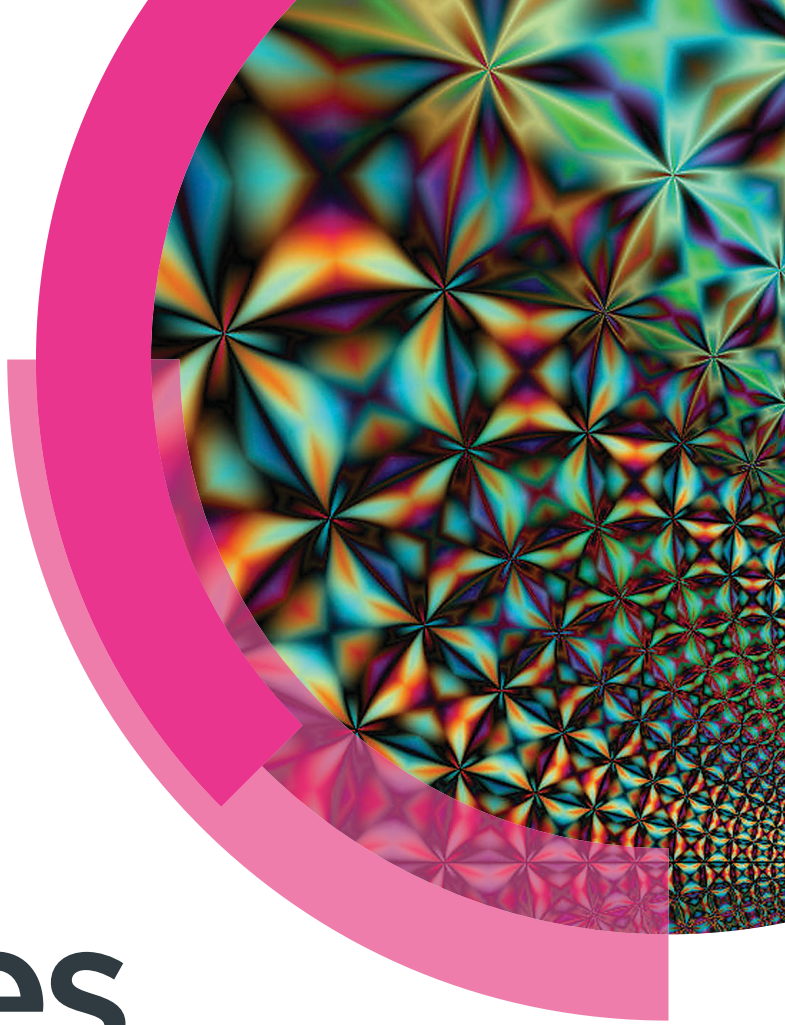

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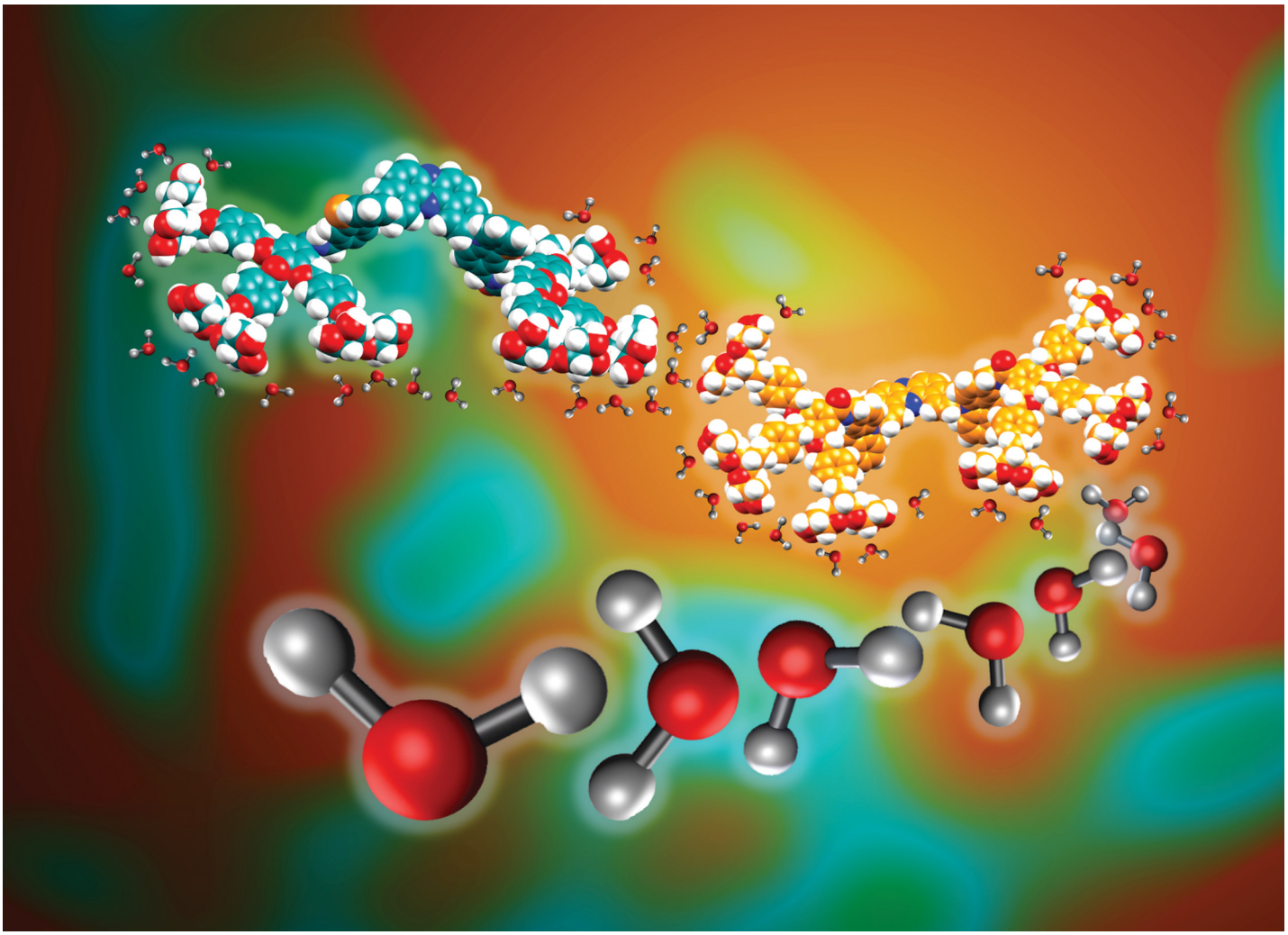

Showcasing research from Professor Takeda's research team, Department of Applied Chemistry, Osaka University, Osaka, Japan.

Water-dispersible donor–acceptor–donor π-conjugated bolaamphiphiles enabling a humidity-responsive luminescence color change

Novel organic donor–acceptor–donor π-conjugated fluorophores that are dispersible in water have been developed. By doping one of the molecules into a hydrophilic polymer, a composite material displaying a humidity-responsive luminescence color change has been fabricated.

As featured in:

See Youhei Takeda *et al.*, *Chem. Commun.*, 2024, **60**, 3653.

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