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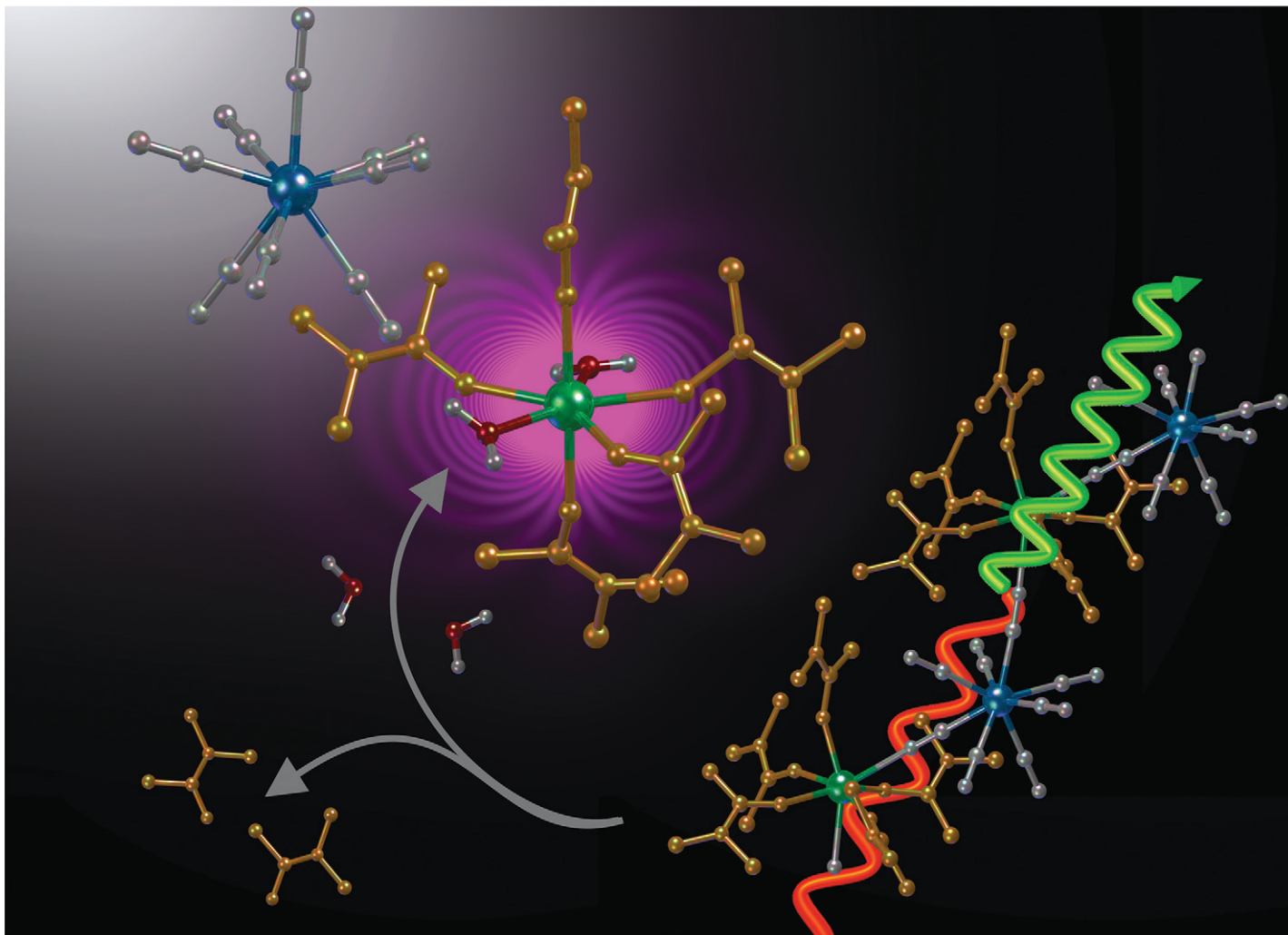
Researcher Mobility Grants

Open to PhD students and early career researchers working in either academia or industry, the grants are worth up to **£5,000** and support scientific visits to UK and international organisations.

Applications for this round are now open and close at noon on **21 October 2019**

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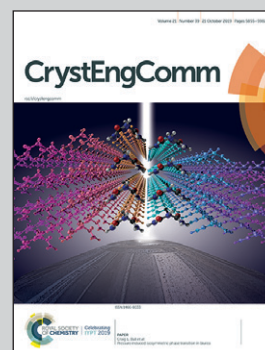


Showcasing research from Department of Chemistry, School of Science, The University of Tokyo, Japan.

Studies of Er(III)–W(V) compounds showing nonlinear optical activity and single-molecule magnetic properties

Self-assembly of Er^{3+} and $[\text{W}(\text{CN})_8]^{3-}$ ions in the presence of pure *N,N*-dimethylacetamide and its mixture with water resulted in formation of series of compounds revealing second harmonic generation (SHG) or single-molecule magnetic (SMM) behaviour. This work shows a new pathway to design such materials.

As featured in:



See Shin-ichi Ohkoshi et al., *CrystEngComm*, 2019, 21, 5882.