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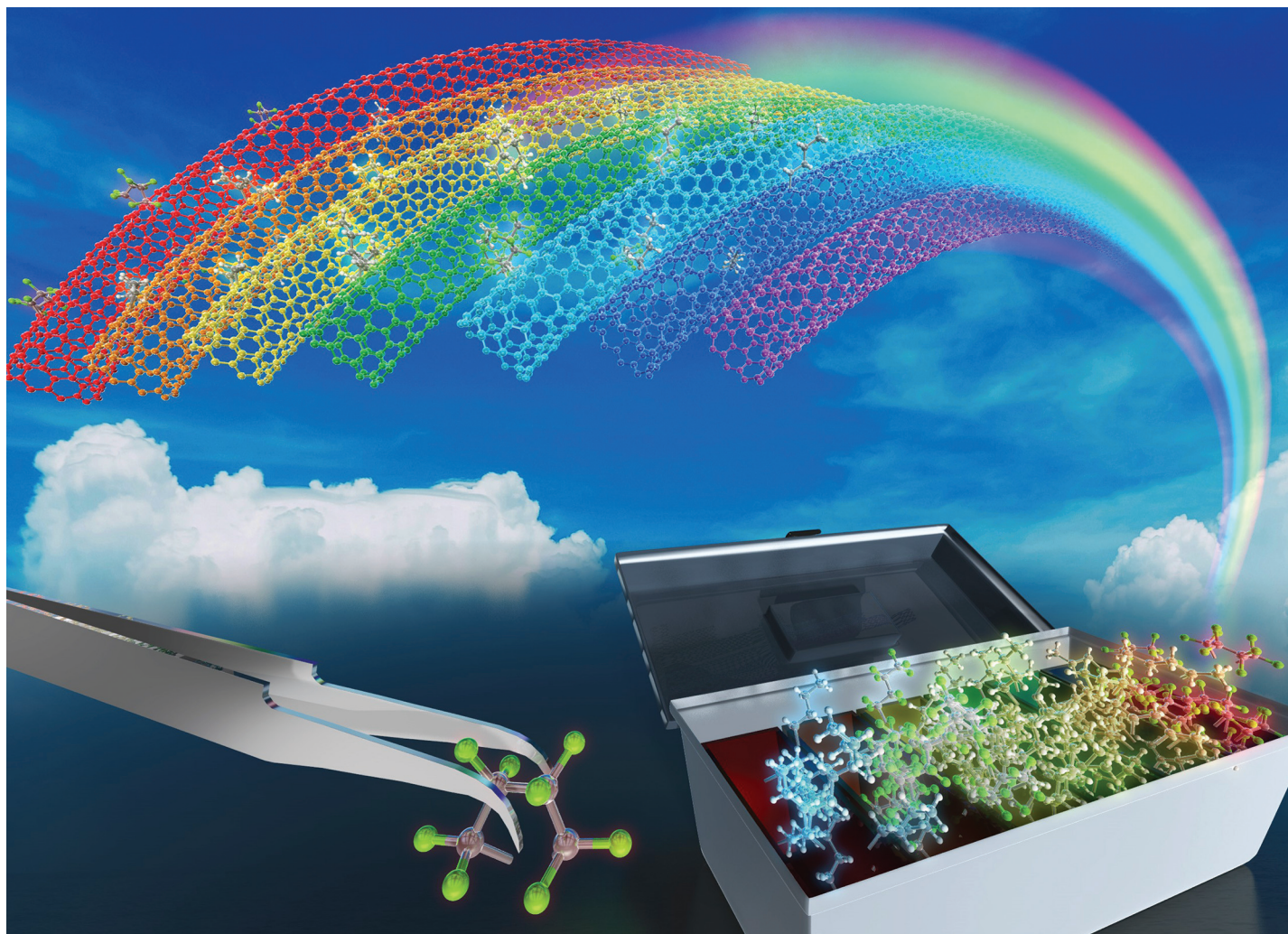
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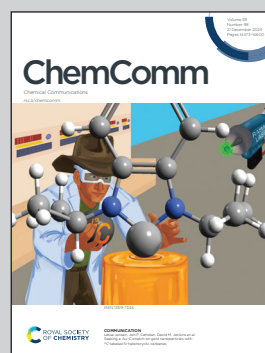


**Showcasing research from Professor Maeda's laboratory,
Department of Chemistry, Tokyo Gakugei University,
Tokyo, Japan and Professor Ehara's laboratory,
Research Center for Computational Science,
Institute for Molecular Science, Aichi, Japan**

Recent progress in controlling the photoluminescence properties of single-walled carbon nanotubes by oxidation and alkylation

Functionalization of single walled carbon nanotubes (SWCNTs) has proven to be effective in tuning the photoluminescence (PL) based on selected reaction techniques and molecular structures. This review delves into the latest developments in tailoring the PL through oxidation and alkylation.

As featured in:



See Yutaka Maeda *et al.*,
Chem. Commun., 2023, **59**, 14497.