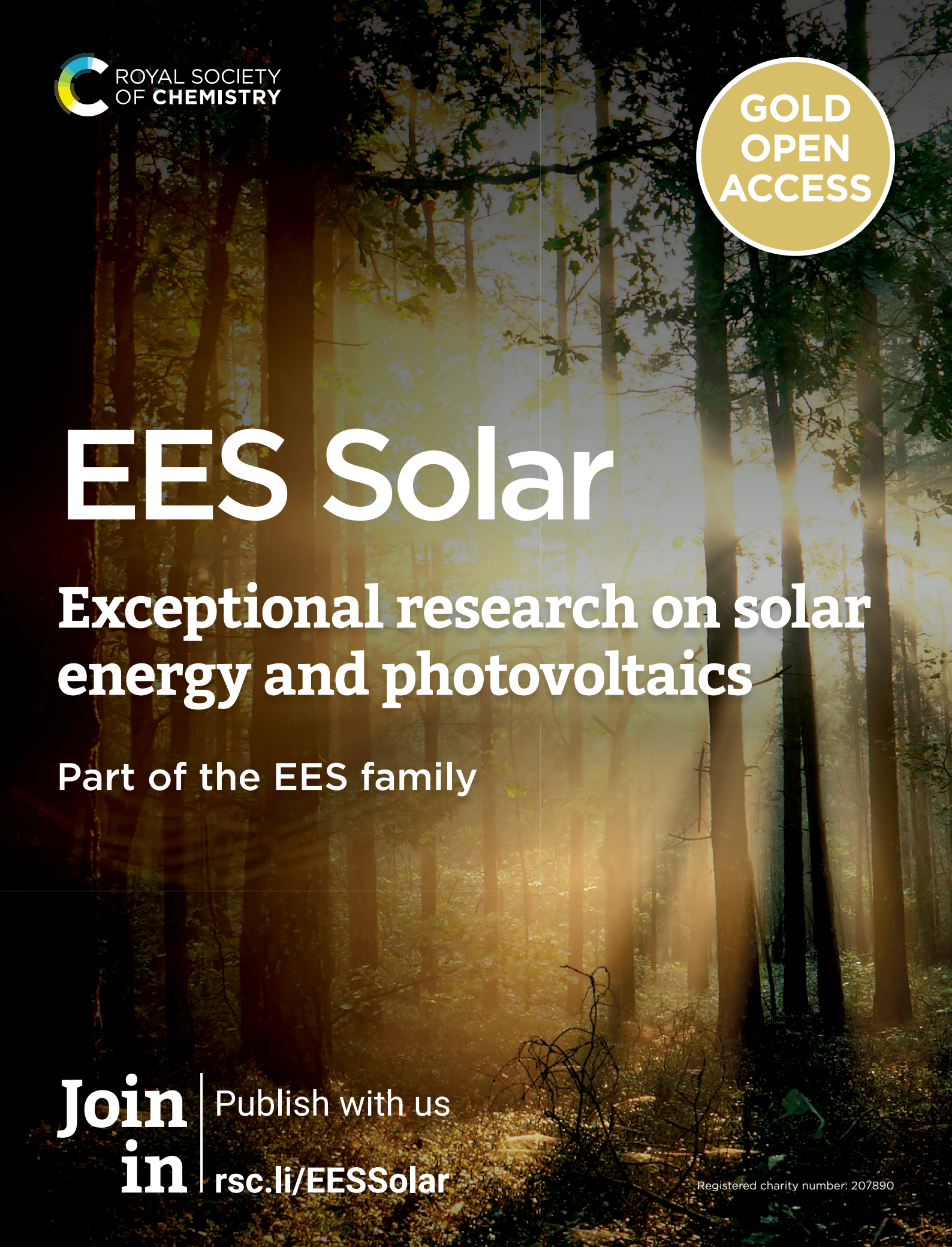
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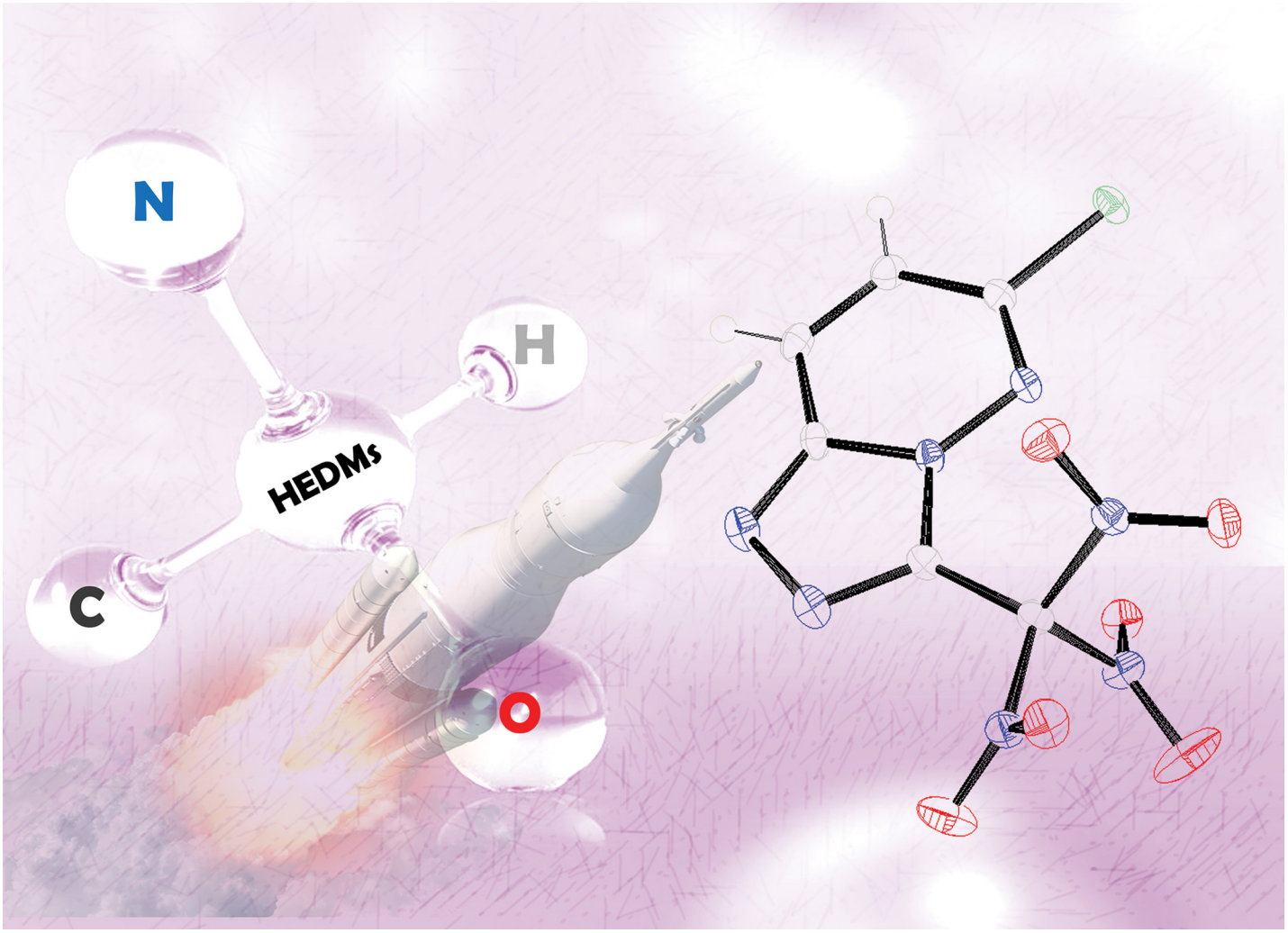


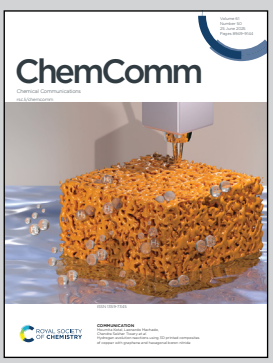
Showcasing research from Professor Srinivas Dharavath's laboratory, Energetic Materials Laboratory, Department of Chemistry, Indian Institute of Technology Kanpur, Uttar Pradesh, India.

Trinitromethyl- and nitramino-substituted triazolo-pyridazines: synthesis and energetic performance

We synthesized a series of ring-fused triazolo[4,3-*b*] pyridazine-based energetic compounds incorporating trinitromethyl, nitramine, and hydrazine groups. Among them, compound **6** exhibited outstanding thermal stability (T_d = 353 °C) and remarkable insensitivity to impact and friction, classifying it as super heat-resistant explosive.

Image reproduced by permission of Srinivas Dharavath from *Chem. Comm.*, 2025, **61**, 9047.

As featured in:



See Srinivas Dharavath *et al.*, *Chem. Commun.*, 2025, **61**, 9047.

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