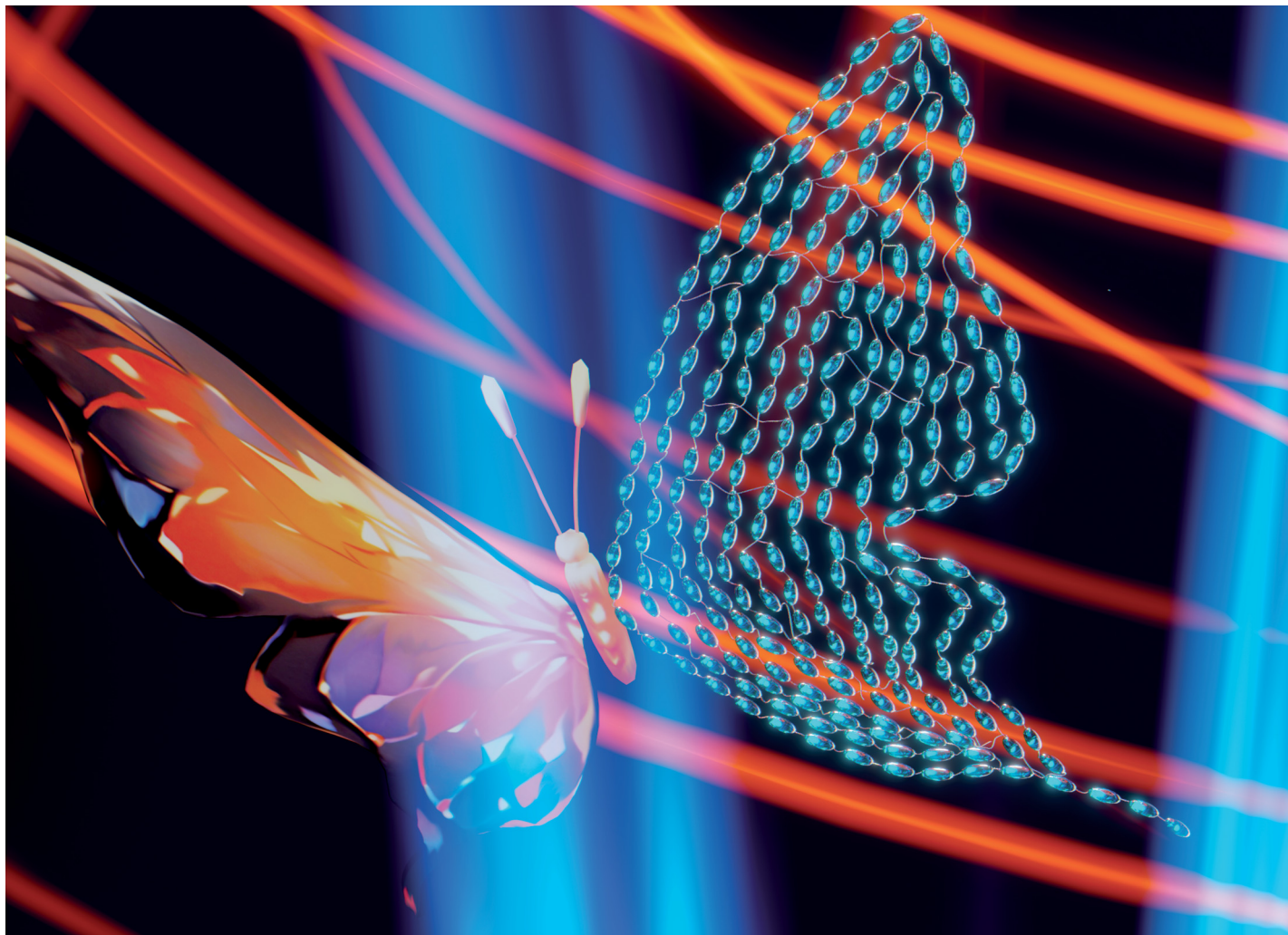




Showcasing research from the Human Interactive Materials group at the department of Chemical Engineering and Chemistry, Eindhoven University of Technology, The Netherlands.

Shape programming of liquid crystal elastomers by two-stage wavelength-selective photopolymerization

A method for the production of mechanically programmed liquid crystal elastomer actuators based on orthogonal photo-initiated crosslinking reactions is developed. The wavelength-selective nature of the two photopolymerization steps offers excellent spatiotemporal control, increasing the processibility of this class of materials.

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As featured in:



See Danqing Liu *et al.*,
Mater. Horiz., 2026, **13**, 243.