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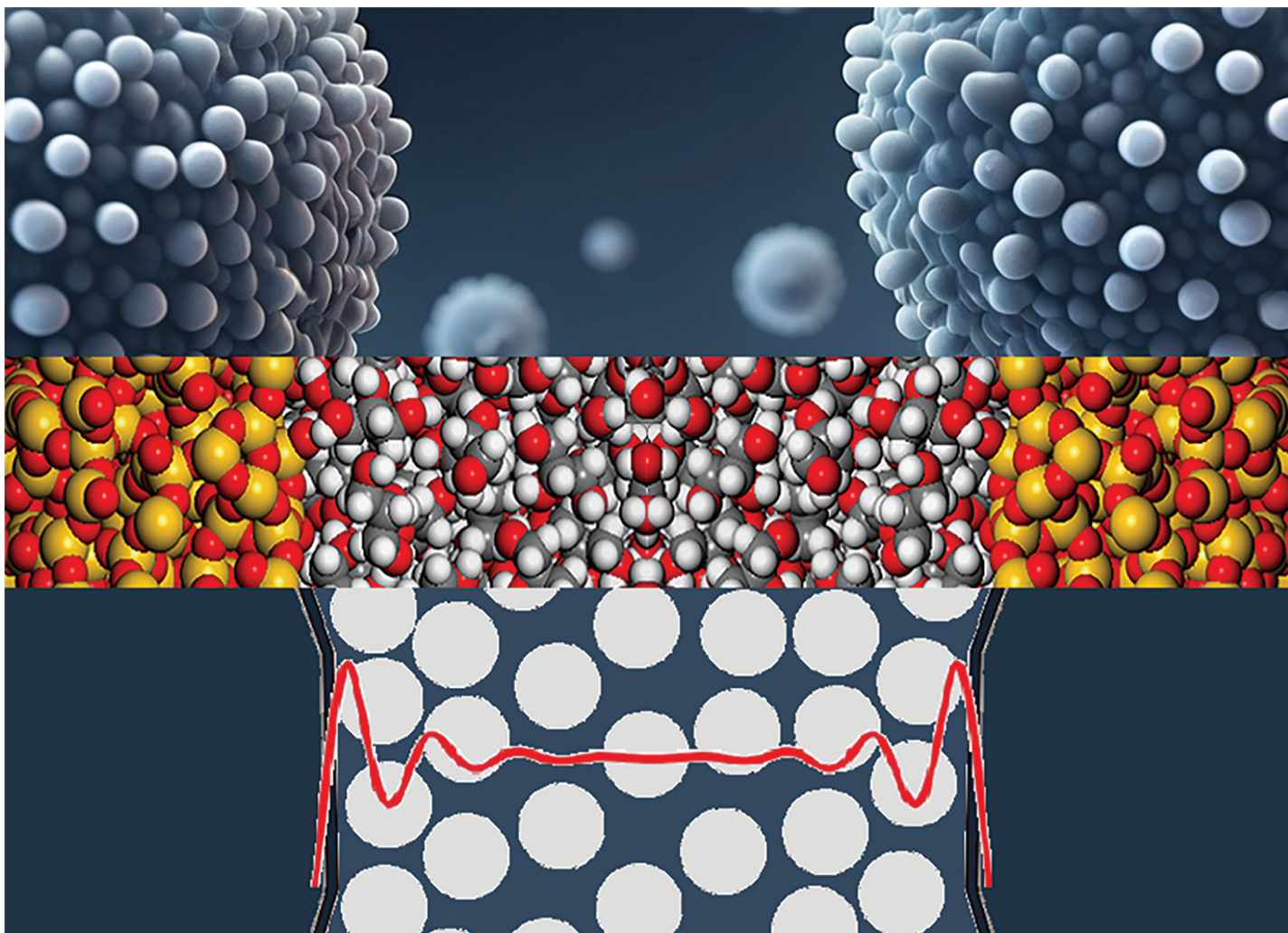
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This collaborative research brings together expertise from Central Michigan University's Center for Applied Mathematics and Polymer Fluid Dynamics Lab in Mount Pleasant, Michigan, and Michigan State University in Lansing, Michigan.

Modeling the structure and relaxation in glycerol-silica nanocomposites

A novel free-volume theory using density profile that captures how relaxation time and glass transition temperature of nanocomposites shift based on filler content and the strength of the filler-matrix interaction.

As featured in:



See Leela Rakesh *et al.*,
Soft Matter, 2025, 21, 376.