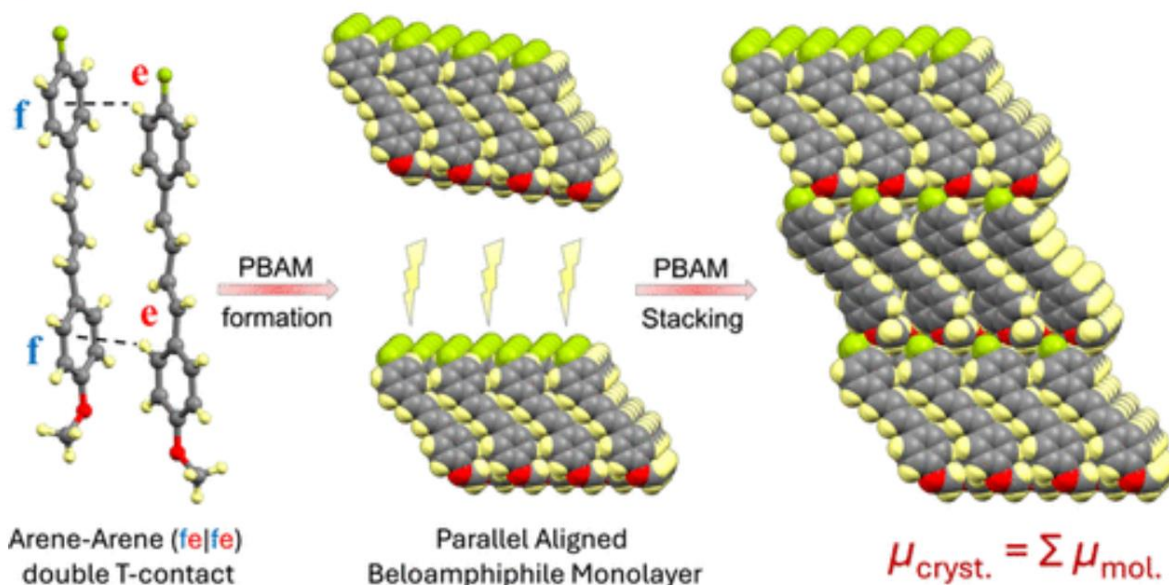


# Glaser's team advances nonlinear optic materials research in 'Chemistry of Materials'

Posted by Kimber Crull

On October 1, 2024



Dr. [Rainer Glaser](#) and a team of researchers have published a study revealing a new class of organic materials for nonlinear optics in [Chemistry of Materials](#). Co-authors of the study include Dr. Harmeet Bhoday, who earned a Ph.D. in chemistry in 2024 from S&T, Justin Nulsen, who earned a bachelor's degree in chemistry in 2023 from S&T, and Dr. Steven P. Kelley, crystallographer at University of Missouri-Columbia's X-ray Laboratory.

The research is titled "[Polar Stacking of Dipole Parallel-Aligned Monolayers of Unsymmetrical 1,4-Diphenyl-1,3-butadienes Creates Nonlinear Optical Materials: Insights from Experiments Guide Structure Assignments.](#)"

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