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Energy, charge, and chemical dynamics in condensed environments: Our research group investigates a variety of dynamic events in condensed media. The investigations range from basic chemical reaction dynamics in solutions such as ionic liquids to energy and charge transfer dynamics in new materials targeted at applications in solar energy conversion.

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In particular, our studies deal with chemical processes involving interactions between light and matter, chemical reactions in condensed phases and at interfaces and transport phenomena in complex systems, focusing mainly on the following directions: Energy transfer processes in molecular systems. Molecular dynamics in condensed phases.