This second volume of the book on spin dynamics in confined magnetic structures covers central aspects of spin dynamic phenomena, so that researchers can find a comprehensive compilation of the current work in the field. Introductory chapters help newcomers to understand the basic concepts, and the more advanced chapters give the current state of the art for most spin dynamic issues in the milliseconds to femtoseconds range. Both experimental techniques and theoretical work are discussed. This third volume of Spin Dynamics in Confined Magnetic Structures addresses central aspects of spin-dynamic phenomena, including recent new developments, on a tutorial level. Researchers will find a comprehensive compilation of the current work in the field. Introductory chapters help newcomers to understand the basic concepts. The more advanced chapters give the current state of the art of spin dynamic issues ranging from the femtosecond to the microsecond regime. Advances in electronic-structure calculations, structure-based theoretical modeling of quantum dynamics and spectroscopic tools are improving our understanding of photosynthetic energy transfer and energy conversion. Coherent multidimensional spectroscopy has revealed underlying... More Information Contribute to this Special Topic. Advances in Modeling Plasmonic Systems. Submission Deadline: November 12, 2021. Empirical principles, and structure-property relations derived from chemical intuition, have driven for centuries the design of materials and molecules with desirable properties, and the identification of viable synthetic pathways. In... More Information Contribute to this Special Topic.