General goals of research for Professor Glaser and his group are the development of novel theory and experimental techniques in nuclear magnetic resonance (NMR) spectroscopy, with applications to structural studies of biopolymers, magnetic resonance imaging (MRI) as well as quantum computing.
proteins or nucleic acids. Furthermore, NMR is an ideal test ground for the development and experimental demonstration of fundamental concepts in the emerging techniques of quantum information processing and the control of quantum phenomena in general.