

Introduction to NMR and Diffusion NMR

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A brief introduction to NMR and pulsed field gradient (PFG) NMR will be given. A detailed explanation of the stimulated echo PFG NMR pulse sequence will be presented. Examples of application of PFG NMR for studies of diffusion processes, which depend on the time and length scale of diffusion, will be discussed. Interactive format is expected allowing PhD students to ask questions and participate in discussion.