

Outlook	
 Introduction - ss-NMR of inorganic systems NMR crystallography Problem of quadrupolar nuclei Removing of quadrupolar broadening (DOR, MQ/MAS) Enhancement of spectral resolution Structure of aluminosilicate inorganic polymers (AIP) - synthesis Primary structural data about AI/Si materials - "Si a "AI MAS NM A morphous aluminosilicate inorganic polymers (AIP) - synthesis Primary structural data about AI/Si materials - "Si a "AI MAS NM A morphous crystalline phase transition of AIPs How to get structural parameters "Si, "AI, "NA MAS NMR "AM MQ/MAS NMR "Si CP/MAS a REDOR NMR (localization of H,O) VA CT "Si CP/MAS BRDOR NMR (localization of H,O) VA CT "Si CP/MAS NR "AI REDOR MQ/MAS NMR "AI REDOR MQ/MAS NMR Structural model 	R
	Joint Laboratory of Scild States BAC AS (2 and JHPC AS (2



	NMR crystallography	
X-ray (Powder) Diffraction		
diffraction pattern		
pair distribution function	structural fragments 🔸	
etc.		ss-NMR Spectroscopy
	process of structure refinement	
Molecular Modeling	process of su decare remement	'H-'H spin-exchange
Lowership (DET)		¹ H- ¹⁵ N distances
prediction of long-range	Refined structure with incorporated	motional frequencies
arrangement	interaction and supramolecular	motional amplitudes
NMR parameters (CASTEP)	architecture	chemical shifts
H ette	The second s	etc.
+		
nnlications		













































