



Sekce chemie PŘF UK v Praze
zve všechny zájemce na přednášku z cyklu

Quo Vadis Chemie

Molecular Sieves: Where we are and where we (would like to) go



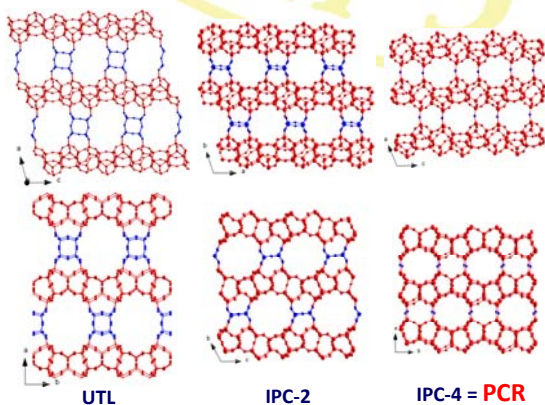
kterou přednese

Profesor Jiří Čejka

z Ústavu fyzikální chemie J. Heyrovského AV ČR

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v posluchárně CH2, v budově chemických kateder PŘF UK
Hlavova 8, Praha 2

Molecular sieves represent an important group of well-defined porous materials including zeolites, mesoporous molecular sieves and metal-organic frameworks (MOFs). While zeolites



represent an industrial standard for adsorption, separation and catalysis, mesoporous molecular sieves did not fulfill the expectations for applications. In contrast, MOFs are excellent materials in laboratory and their commercialization could be predicted. This lecture will focus on the state-of-the-art of our understanding of the design of molecular sieves and will address challenges and opportunities for the future.