



Univerzita Karlova v Praze, Přírodovědecká fakulta

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

Quo Vadis Chemie

Supramolecular frameworks assembled of transition metal complexes with pyridinecarboxamides



kterou přednese

Ján Moncol

Slovenská technická univerzita Bratislava

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

Abstrakt. Pyridinecarboxamides are versatile reagents for crystal engineering and coordination chemistry suitable for construction of supramolecular hydrogen-bonded coordination networks. Transition metals complexes with pyridinecarboxamides have been extensively studied in crystal engineering, supramolecular medicinal chemistry and bioinorganic models. The lecture will be focused on the possibility of building of supramolecular frameworks using transition metal complexes with pyridinecarboxamides. The main concern will be given to copper(II) carboxylate complexes with pyridinecarboxylates. Examples of supramolecular and conformation isomerism of transition metal complexes with pyridinecarboxamides affecting material properties will be discussed.

