



**FKKT**

UNIVERZA V LJUBLJANI

Fakulteta za kemijo in kemijsko tehnologijo

# **VABILO NA PREDAVANJE / INVITATION TO THE LECTURE**

**Dr. Srećko Kirin**

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z naslovom / entitled:

## **Chiral Transition Metal Complexes: Supramolecular Chemistry and Catalysis**

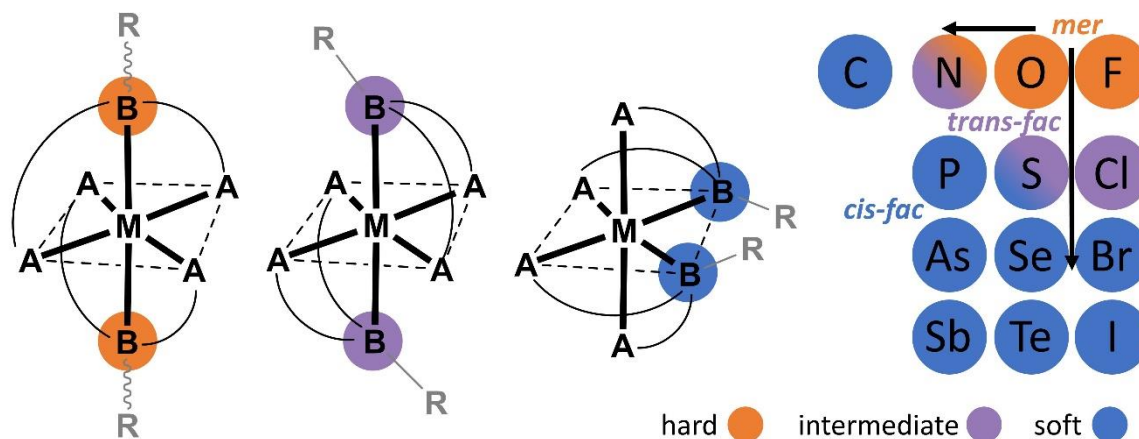
**v torek, 23. 4. 2024 ob 12. uri /  
on Tuesday, 23. 4. 2024 at 12.00**

**v predavalnici 1070 / in lecture room 1070  
UL FKKT, Večna pot 113, Ljubljana**

*Vljudno vabljeni! / Kindly invited!*

## Abstract

Stereochemistry has a significant influence on a number of important molecular properties like stability and reactivity in a chemical or biological environment. Organic stereochemistry is a well-developed discipline, including a number of concepts that foster the application of organic molecules in various fields. On the other hand, different factors governing inorganic stereochemistry are still not well understood. In this lecture, the stereochemistry of chiral transition metal complexes will be discussed using selected examples, with particular emphasis on supramolecular systems featuring artificial secondary structures and applications in asymmetric catalysis.



## Literature

S. Jakopec, N. Pantalon Juraj, D. Jadreško, R. Vianello, A. Brozovic, V. Tadić, L. Milić, B. Perić, S. Raić-Malić, S. I. Kirin: **Appl. Organomet. Chem.** **2024**, in press. Doi: 10.1002/aoc.7415

S. Opačak, M. Pernar Kovač, A. Brozovic, I. Piantanida, S. I. Kirin: **Dalton Trans.** **2023**, 52, 11698-11704.

N. Pantalon Juraj, T. Tandarić, V. Tadić, B. Perić, D. Moreth, U. Schatzschneider, A. Brozovic, R. Vianello, S. I. Kirin: **Dalton Trans.** **2022**, 51, 17008-17021.

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