

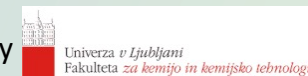


Influence of chaotropic and kosmotropic additives on thermodynamic parameters of caffeine self-aggregation in water

Origin Institution:
Novi Sad (Serbia) 
PMF, Faculty of Sciences
University of Novi Sad



Host institution:
Ljubljana (Slovenia) 
FKKT, Faculty of Chemistry and Chemical Technology
University of Ljubljana



Prof. dr. Marija Bešter-Rogač

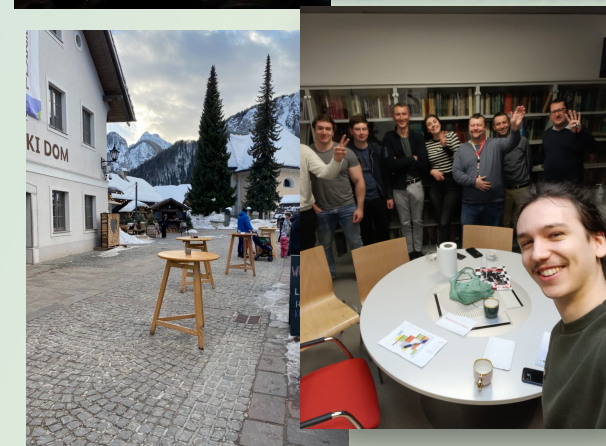
Teona Teodora Borović

The purpose of the STSM was to investigate how additives increase the solubility of caffeine in water, the mechanisms of interaction between caffeine and appropriate additives to prevent the self-aggregation of caffeine molecules in water, theoretical examination of caffeine of selected additives, with computer simulations using advanced software packages.

The STSM was very important, and I was educated to use different instruments independently. It also helped me learn more about molecular dynamic simulations, which will be crucial for my career.



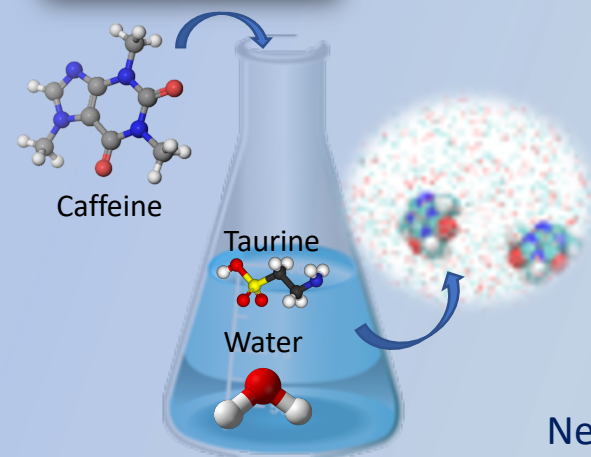
Organ Concert
Cankarjev Dom



Learning new skills

Making new friendships

Sharing different experiences



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Network for Equilibria and Chemical Thermodynamics Advanced Research

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Ljubljana is a city of rich culture and beautiful nature, where all these beauties combine with science.