Comenius University Bratislava
Faculty of Natural Sciences
Department of Inorganic Chemistry
M² group – MR2P lab

Ilkovičova 6
Mlynská dolina
842 15 Bratislava
Slovakia

Seminar series
Department of Inorganic Chemistry, FNS CU

Seminar No. 11

Ing. Guillaume Voyard

Head, Chromatography Analytical Platform, CNRS – ICCF

Liquid Chromatography: Theorical aspects and case studies at the Institute of Chemistry of Clermont-Ferrand (ICCF)

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Abstract:

Liquid chromatography is a widely used analytical method for separating, identifying, and quantifying compounds in a liquid mixture. The separation of the sample compounds is based on their affinity for a stationary phase and a mobile phase.

The Chromatography Analytical Platform at ICCF provides cutting-edge expertise in chemical compounds analysis through liquid chromatography. Equipped with advanced technologies such as high-performance liquid chromatography (HPLC) and Ion Chromatography coupled with Mass Spectrometry (IC-MS), the service offers precise and reliable analytical solutions for a wide variety of applications (pharmaceutical chemistry, environmental chemistry, materials chemistry, etc.). It also provides training and consultations to assist researchers in optimizing protocols and interpreting data. The Chromatography Analytical Platform at ICCF is recognized as a trusted partner for high-quality research and analysis projects.

In the present talk, I will introduce theoretical and technical aspects accompanied by concrete study examples, where you will appreciate the commitment to scientific excellence and the perfect scientific alignment between the research groups of ICCF and FNS CU Bratislava.

Dr. Olivier Monfort
Associate Professor & Group Leader
+421 290142141; olivier.monfort@uniba.sk

ORCID: 0000-0003-2992-8155
WOS ResearcherID: G-8912-2016
SCOPUS ID: 56156831200