



FACULTY OF SCIENCE  
Charles University

School of Chemistry, Faculty of Science,  
Charles University invites for the lecture

# Quo Vadis Chemie

## [3]Ferrocenophanes with functional PEP bridge (E = group 13, 14, 15 element) and their activation to radicals and ions



which will be delivered by

**Professor Rudolf Pietschnig**

Institute of Chemistry & CINSaT,  
University of Kassel, Germany

**on March 25, 2019 at 15:00**

the Lecture Hall CH2 at the School of Chemistry, Faculty of Science, Hlavova 8

[n]Ferrocenophanes are attractive synthetic targets owing to their potential in the synthesis of metal containing polymers. We are aiming at [3]ferrocenophanes with functional bridges made of two terminal phosphorus atoms joining elements from the groups 13, 14 or 15. This molecular scaffold can be used to prepare phosphanyl substituted tetrylenes and to generate main group element centered radicals either thermally or electrochemically. Since the phosphorus atoms behave as stereocenters, a special focus will be set on their stereochemical alignment with the aim to achieve stereocontrol in such compounds.

