

TUDOMÁNYOS PROGRAM

MTA Szervetlen és Fémorganikus Kémiai Munkabizottsága és a PAB Kémiai Tudományok Szakbizottsága

2023. október 31.

11:30-11:35	Opening
11:35-13:00	Section I.
11:35-12:10:	<i>Dominikus Heift (Durham University)</i> : Exploring weak and strong interactions in pnictogen chemistry
12:10-12:30	<i>Joseph Kfoury</i> : Biomimetic Fe Nitrogenases - Substituent and Anchor Atom Effect
12:30-13:00	<i>Pelin Kaymak and Meny Yang</i> : A quest for stable phosphonyl radicals: limitations and possibilities of carbocyclic backbones and bulky substituents
13:00-13:20	Break
13:20-15:00	Section II.
13:20-13:55	<i>Frank Blockhuys (University of Antwerp)</i> : The Wonderful World of Chalcogen-Nitrogen Chemistry
13:55-14:10	<i>Fekete Csilla</i> : Investigation of noncovalent interactions in organocatalyzed phospho-Michael addition
14:10-14:30	<i>Horváth Ádám</i> : Computational Investigation of Diels–Alder Reactions
14:30-14:45	<i>Gál Dalma</i> : Synthesis and investigation of transition metal complexes containing tridentate ligands
14:45-15:00	<i>Kertész Erik</i> : Chelate complexes of heavier pnictogen elements: structure, tautomerization, redox and optical properties
15:00-15:20	Break
15:20-16:45	Section III.
15:20-15:35	<i>Gyökeres Csongor</i> : Aggregation induced emission in the case of B-substituted carboranes - Does it really exist?
15:35-15:55	<i>Barhács Balázs</i> : Modeling of small copper cluster catalysed CO ₂ electroreduction: the effect of cluster size on the product distribution
15:55-16:15	<i>Ahmed M. Rozza</i> : Hydration sphere structure of architectural molecules
16:15-16:30	<i>Barbara Zamora Yusti</i> : CO ₂ and H ₂ Activation on Zinc-Doped Copper Clusters
16:30-16:45	<i>Deepak Pradeep</i> : Tuning the reactivity of bimetallic clusters towards CO ₂
16:45-16:50	Closing