

FACULTY OF SCIENCE Charles University

Report on defence of dissertation thesis

Academic year: 2023/2024

Student's name and surname: Student's ID:	Priyam Bharadwaz 49552142
Type of the study programme: Study programme: Study ID:	doctoral Modelling of Chemical Properties on Nano- and Biostructures 646990
Title of the thesis: Thesis department: Language of the thesis: Language of defence: Supervisor:	Chemical reactivity through the lens of traditional and non- traditional concepts Department of Physical and Macromolecular Chemistry (2600) English English RNDr. Martin Srnec, Ph.D.
Reviewer(s):	RNDr. Jan Heyda, Ph.D.
Date of defence: Attempt:	doc. Mgr. Michal Straka, Ph.D. 18.09.2024 Venue of defence: Praha regular
Course of the examination:	 chairman Pavel Jungwirth introduced Priyam Bharadwaz PJ asked supervisor MS to comment Priyams personality PJ asked PB for the presentation of her PhD work (25 min) PJ asked the first reviewer M. Straku for providing review + questions related to work PJ asked the second reviewer J. Heydu for providing review + questions related to work PJ opened the discussion including the members of the committee oJ. Pittner: 1) questions on the relativistic effects in case of Ni complexes. o 2) question on multireference character of Ni complexes. o Jiráček: question of MCR vs. methyltransferase (MCR: methyl reductase oObšil: question on alternative pathways for methane production oGrajciar: questions from public elosed part of defense: evaluation

Result of defence:	pass (P)	
Chair of the board:	Jungwirth Pavel, prof. Mgr., CSc., DSc. (present)	
Committee members:	Cwiklik Lukasz (present)	
	Grajciar Lukáš, doc. RNDr., Ph.D. (present)	
	Jiráček Jiří, RNDr., CSc. (present)	
	Kolafa Jiří, prof. RNDr., CSc. (present)	
	Obšil Tomáš, prof. RNDr., Ph.D. (present)	
	Pittner Jiří, doc. Dr. rer. nat., DSc. (present)	