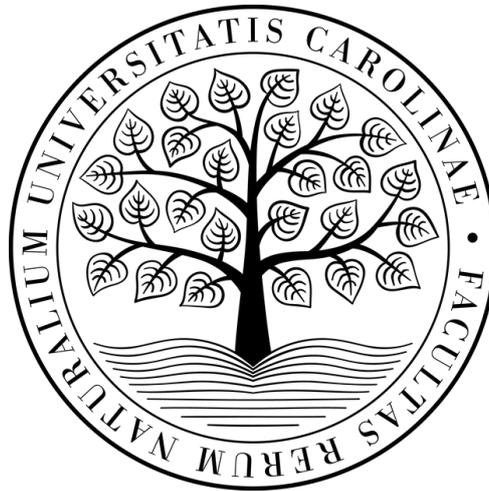


UNCE PhD Student Conference 2019
4th April 2019

Center for Geosphere Dynamics
UNCE/SCI/006 2018/2023

PROGRAMME
AND
BOOK OF ABSTRACTS



Faculty of Science
Albertov 6, Prague

13:00 - 13:10		
Opening Sessions - Chairman: prof. Vojtěch Ettler		
13:00 - 13:10	Vojtěch Ettler, the leader of the UNCE project	The Leader of the UNCE project
13:10 - 13:50		
First Session - Chairman - Marine Jouvent		
13:10 - 13:20	Roland Nádaskay	<i>Deciphering the late Paleozoic to Mesozoic tectonosedimentary evolution of the northern Bohemian Massif using sedimentology and provenance data</i>
13:20 - 13:30	Marek Tuhý	<i>Mercury remobilization from polluted topsoils in semi-arid areas affected by wildfires</i>
13:30 - 13:40	Kamila Šrédlová	<i>The use of spent oyster mushroom substrate in PCB biodegradation</i>
13:40 - 13:50	Ondřej Krýza	<i>Insights from the analogue and numerical models of the Earth accretionary systems and physical models of the mud flows under Martian conditions</i>
13:50 - 14:00		
Coffee break		
14:00 - 14:40		
Second session - Chairman - Marek Tuhý		
14:00 - 14:10	Aneta Hušková	<i>Diversity of the Lower Devonian conodonts from the Prague Synform</i>
14:10 - 14:20	Marian Takáč	<i>Using UAV for detection of crater fields</i>
14:20 - 14:30	Simona Šilhavská	<i>New types of organic pollutants in drinking water</i>
14:30 - 14:40	Rafael Santos Baieta	<i>Elemental and isotopic analyses of trace metals mobility in soils and tree rings in Kabwe, Zambia</i>
14:40 - 15:00		
Coffee break		
15:00 - 15:40		
Third session - Chairman - Filip Scheiner		
15:00 - 15:10	Marine Jouvent	<i>New constraints on the tectonometamorphic evolution of the Barrovian-type metasediments surrounding high-grade rocks of Erzgebirge Mts. (Saxothuringian unit, Bohemian Massif)</i>
15:10 - 15:20	Petra Zahajská	<i>Stress or contentment? Stable carbon isotopes in n-alkanes as an indicator of salinity and water stress in (palaeo)vegetation</i>
15:20 - 15:30	Martin Mazanec	<i>VS30 estimation using effective phase velocity of Rayleigh waves</i>
15:30 - 15:40	Kateřina Němečková	<i>Pigments of endoliths from Messinian gypsum (Sicily)</i>

15:40 - 15:50

Coffee break

15:50 - 16:30

Fourth session - Chairman - Martin Mazanec

15:50 - 16:00	Magdalena Knappová	<i>Microbial sulfidogenesis of As in wetland</i>
16:00 - 16:10	Lucie Vaňková	<i>Belemnite diversity of the J/K boundary interval in the NE Tethys (Outer western Carpathians, Czech Republic) and their implication for paleoecology and stratigraphy</i>
16:10 - 16:20	Ladislav Polák	<i>Highly siderophile element geochemistry and Re-Os isotopic composition of carbonatites”</i>
16:20 - 16:30	Filip Scheiner	<i>The Central Paratethys enigma: Paleoceanography of the epicontinental sea using geochemical proxies</i>