

Tentative Program
 2nd Workshop *BASE-LiNE Earth*
 "From the Phanerozoic Base Line to New Frontiers in Earth's History?"
 & Mid-Term Review Meeting (September 26th, 2016)

WHEN September 26th– October, 1st, 2016
 VENUE Faculty of Environmental Sciences, Czech University of Life Sciences Prague,
 Kamýcká 129, 165 21, Prague - Suchbát, Czech Republic

SUNDAY – 25th September, 2016			
ARRIVAL			
MONDAY - 26th September, 2016			
9:00-10:15	Welcome	Mr Petr Sklenička Vice-Dean for Science and Research, CULS ----- Anton Eisenhauer and/or Michael Komárek/Juraj Farkas Guests: Mrs. Giuliana Donini (Research Executive Agency Representative), Brussels	
10:15-10:30	Coffee Break		
TIME	SPEAKER	Suggested TITLE	AFFILIATION
10:30-12:00	Alex Gagnon	Geochemistry of Biomineralization	University of Washington, United States
12:00-13:30	Lunch Meeting of Fellows with Mrs Giuliana Donini Discussion about fellows' experiences within the Network		
13:30-14:15	Anton Eisenhauer	Coordinator's Report	GEOMAR
14:15-15:15	WP Leaders (WP1: C. Rollion-Bard, WP2: M. Komárek/ J. Farkas WP3: R. Frei WP4-6: A. Eisenhauer)	Brief Presentation/ Introduction of Work pages and related researchers	IPGP, Paris CULS, Prague/ UA, Adelaide UCPH, Copenhagen
15:15-15:30	Coffee Break		
15:30-16:30	ESRs presentations WP1	Brief overview of preliminary results of the ESRs 01; 02; 03; 09; 11 (ca. 10 min each) and discussion	
16:30-17:30	ESRs presentations WP2	Brief overview of preliminary results of the ESRs 04; 05; 06; 10; 13 (ca. 10 min each) and discussion	
17:30-17:45	Coffee Break		
17:45-18:45	ESRs presentations WP3	Brief overview of preliminary results of the ESRs 07; 08; 12; 14; 15 (ca. 10 min each) and discussion	

18:45-19:45		Open Discussion	
TUESDAY – 27th September, 2016			
9:00-10:30	Alex Gagnon	Small compositional signals with a big impact: understanding biomineralization and reconstructing climate records with microanalysis	University of Washington, United States
10:30-10:45	Coffee Break		
10:45-12:15	Adam Tomašových	Statistical Methods for Geosciences and Geochemistry – Lecture and Theory	Slovak Academy of Sciences (SAS) – Earth Sciences Institute, Slovak Republic
12:15-13:15	Lunch Break		
13:15-14:45	Monika Schoop	Diversity and gender in science – Part 1	Köln University, Germany
14:45-15:15	Coffee Break		
15:15-17:15	Monika Schoop	Diversity and gender in science – Part 2	Köln University, Germany
17:15-18:15	Supervisor Board Meeting		
19:30	Welcome Dinner		
WEDNESDAY – 28st September, 2016			
9:00-10:30	Matthias Haeckel	Interpreting the Marine Isotope Record: Introductory lecture on geochemical box models for elements and isotopes in seawater (title to be confirmed)	GEOMAR, Kiel, Germany
10:30-10:45	Coffee Break		
10:45-12:15	Matthias Haeckel	Practical session on modeling of long-term marine elemental and isotope trends over geological time (i.e., steady-state approach), (title to be confirmed) practicals in computer room	GEOMAR, Kiel, Germany
12:15-13:15	Lunch Break		
13:15-14:45	Matthias Haeckel	Lecture on modeling approaches for short-term (non-steady-state) isotope excursions, e.g., ocean acidification, extinction events, etc.	GEOMAR, Kiel, Germany
14:45-15:00	Coffee Break		
15:00-17:00	Matthias Haeckel	Practical session on modeling of short-term and transient isotope events (i.e., non-steady-state approach), practical examples (e.g. PETM, end-Permian extinction, etc.), done in computer room	GEOMAR, Kiel, Germany
THURSDAY – 29nd September, 2016			

9:00-16:00	Geological Excursion – Paleozoic strata and fossils in the Prague Basin Guided by Jiri Fryda (CGS and CULS)		
12:00-13:00	Lunch Break (as a part of excursion)		
17:00-19:00	Walk through the Historical Centre of Prague and Brief Sightseeing Tour		
FRIDAY - 30th September, 2016			
9:00-10:30	Vojtech Ettler & Michael Komárek	Mineral-Water Interactions: Mineral Scale to Basin Scale Modeling: <u>Part 1</u> : Modeling of ‘mineral-fluid’ geochemical reactions using PHREEQC and/or Visual MINTEQ	Charles University in Prague, and Czech University of Life Sciences Prague, Czech Republic
10:30-10:45	Coffee Break		
10:45-12:15	Vojtech Ettler & Michael Komárek	<u>Practical session for Part 1</u> : Modeling in PHREEQC and/or Visual MINTEQ at computer rooms, examples showing dissolution/precipitation reactions (kinetic and equilibrium) involving carbonate minerals and natural waters	Charles University in Prague, and Czech University of Life Sciences Prague, Czech Republic
12:15-13:15	Lunch Break		
13:15-14:45	Vojtech Ettler & Michael Komárek	<u>Practical session (continuing) for Part 1</u> : Modeling in PHREEQC and/or Visual MINTEQ at computer rooms, examples showing calculations of saturation states for carbonate minerals (calcite, aragonite, dolomite) for different settings (marine, freshwater, diagenetic), etc.	Charles University in Prague, and Czech University of Life Sciences Prague, Czech Republic
14:45-15:00	Coffee Break		
15:00-16:30	Juraj Farkas & Adam Tomašových	<u>Mineral-Water Interactions</u> : Mineral Scale to Basin Scale Modeling: Part 2: Introduction to ‘water-rock’ interaction models of carbonate diagenesis for selected trace elements and isotopes (<i>Banner & Hanson model</i>)	University of Adelaide, Australia, and Slovak Academy of Sciences (SAS), Slovak Republic
19:00	Farewell Dinner		
SATURDAY - 1st October, 2016			
9:00-10:30	Stephanie Stratil	Communication: essential oral and writing skills	GEOMAR, Kiel, Germany
10:30-10:45	Coffee Break		
10:45-12:15	Stephanie Stratil	Practices on communication: essential oral and writing skills	GEOMAR, Kiel, Germany
12:15-13:15	Lunch Break		
13:15-14:45	Daniela Henkel	A look back and what is ahead	GEOMAR, Kiel, Germany
14:45-15:00	Coffee Break		
15:00-16:30	Anton Eisenhauer	Workshop summary and future plans	GEOMAR, Kiel, Germany



SUNDAY – 2nd October, 2016

DEPARTURE