**MagellanPlus workshop**

**COSNICA: The life cycle of a microplate at a convergent margin**

**University of Graz, Institute of Earth Sciences**

**September 27th – September 30th 2022**

**Workshop Program**

## Tuesday, September 27th 2022

***17:30***

Registration, Welcome

Icebreaker (Festsaal im Meerscheinschlössl)

## Wednesday, September 28th 2022

***9:00-18:00 Plenary Sessions*** (Seminar Room 09.12)

(Institute of Earth Sciences, Heinrichstrasse 26, 1st floor)

09:00 Workshop Introduction, Workshop goals (Walter Kurz)

09:30 Central American tectonics (Paola Vannucchi)

10:00 The Cocos Plate enigma (Walter Kurz, Jennifer Brandstätter)

10:30-11:00 Coffee break (Foyer of the Institute of Earth Sciences)

***11:00 Plenary Sessions*** (Seminar Room 09.12)

11:00 Bent-fault serpentinization (Jason Morgan, Paola Vannucchi; online presentation)

11:30 The Nica Bridge (Steffen Kutterolf)

12:00-13:30 Lunch break (at Restaurant Propeller)

***13:30 Plenary Sessions*** (Seminar Room 09.12)

13:30: The LIBRE Project (Jonathan Obrist Farner)

14:15: The southern flank of the Cocos Ridge (Martin Rojas Barrantes)

15:00-15:30 Coffee break (Foyer of the Institute of Earth Sciences)

***15:30 Plenary Sessions*** (Seminar Room 09.12)
15:30 The CAVA ash project (Ann Dunlea; online presentation)
16:15: Costa Rica Mounts (Steffen Kutterolf, Christian Hensen)

***16:45 Breakout Sessions*** (Seminar Room 09.12)
16:45 Breakout session Introduction: Perspectives of a combined strategy (Steffen Kutterolf)

17:15 free collecting of drilling objectives/perspectives/ideas (Sedimentology, Paleoclimate (ecology) and (Bio-) Stratigraphy; Structural geology, Tectonics, and Geophysics; Igneous Petrology, volcanology and geochemistry)
brainstorm the potential specific scientific goals and identify possible overlap/common targets between the COSNICA proposals

***18:00***

## Thursday, September 29th 2022

***09:00 Plenary Session*** (lecture hall HS 02.21)
09:00 Available Platforms (Anna Joy Drury)
10:00 Available Platforms (Online Presentation of the ESO Science Manager Dave McInroy)

10:30-11:00 Coffee break (Foyer of the Institute of Earth Sciences)

***11:00 Breakout Sessions*** (Seminar Room 09.12)
11:00 Breakout session 1 (continued): free collecting of drilling objectives/perspectives/ideas
brainstorm the potential specific scientific goals and identify possible overlap/common targets between the COSNICA proposals

12:00-13:30 Lunch break (at Restaurant Propeller)

***13:30 Breakout Sessions*** (Seminar Room 09.12)
13:30 Breakout session 2: Synergies of previous proposals
Umbrella target and which are the hypothesis to be tested

15:00-15:30 Coffee break (Foyer of the Institute of Earth Sciences)

***15:30-18:00*** Breakout session 2 *(continued)* (Seminar Room 09.12)*:* Synergies of previous proposals

## Friday, September 30th 2022

***9:00-12:00***

Breakout session 3 (umbrella proposal) (Seminar Room 09.12): Strategic plan to get Central America as target area for future scientific drilling; results from the breakout sessions
Proposal and research phases, technical aspects for proposal implementations

discussion: set up of a priority list of sites and targets
Assign teams and team leaders for each section for a pre-proposal
conclusion and end of workshop

12:00-13:30 Lunch (at Restaurant Propeller)