ChEESE

COMPUTATIONAL GEODYNAMICS:
MODELING GEOLOGICAL PROCESSES USING EUROPEAN FLAGSHIP CODES

DAY 1 - 25 MARCH

SESSION 1		
10:00-11:00	Introduction	Boris Kaus / Anthony Jourdon / Laetitia Le Pourhiet
11:00-11:30	Coffee break	
11:30-12:30	Install software & intro to Julia	Boris Kaus
12:30-14:00	Lunch Break	
SESSION 2		
14:00-16:00	Intro to computational geodynamics	Anthony Jourdon
16:00-16:20	Coffee break	
16:20-18:00	Interactive convection, Subduction, and folding examples	Boris Kaus

DAY 2 - 26 MARCH

SESSION 3		
09:00-11:00	Running geodynamic models with LaMEM & visualising results using Paraview #1	Nicolas Riel
11:00-11:20	Coffee break	
11:20-12:30	Running geodynamic models with LaMEM #2	Nicolas Riel
12:30-14:00	Lunch Break	
SESSION 4		
14:30-16:00	pTatin & LaMEM codes & solvers	Anthony Jourdon & Boris Kaus
16:00-16:20	Coffee break	
16:20-18:00	Running 3D simulations on HPC servers	Boris Kaus

COMPUTATIONAL GEODYNAMICS:
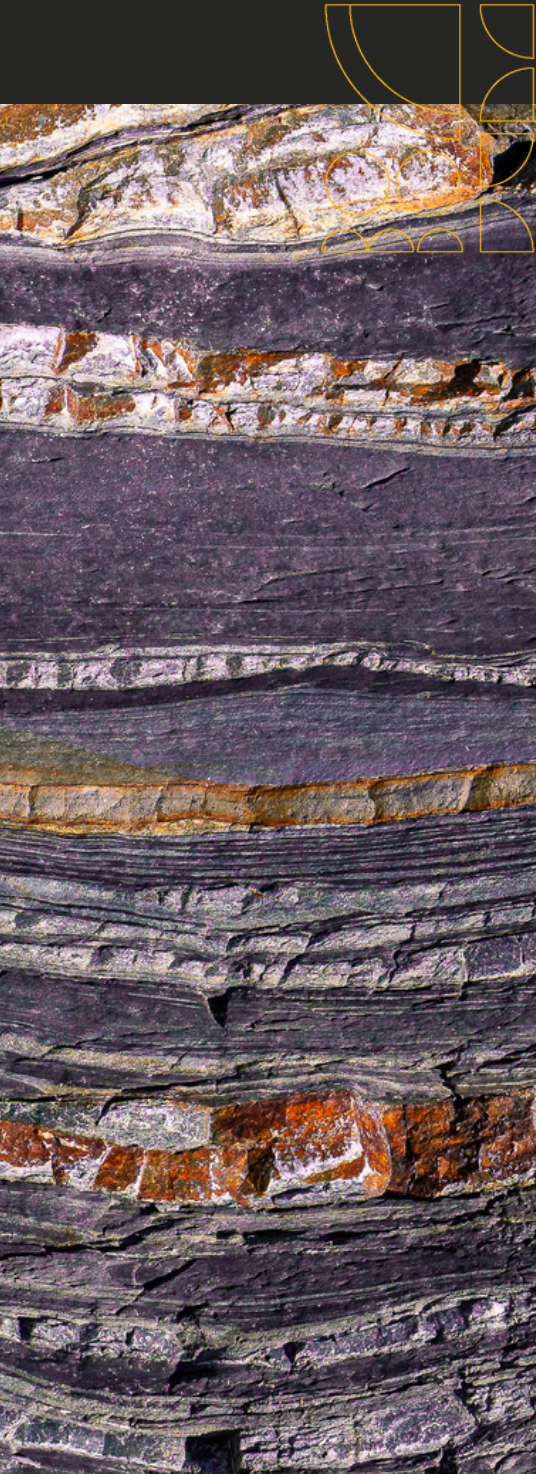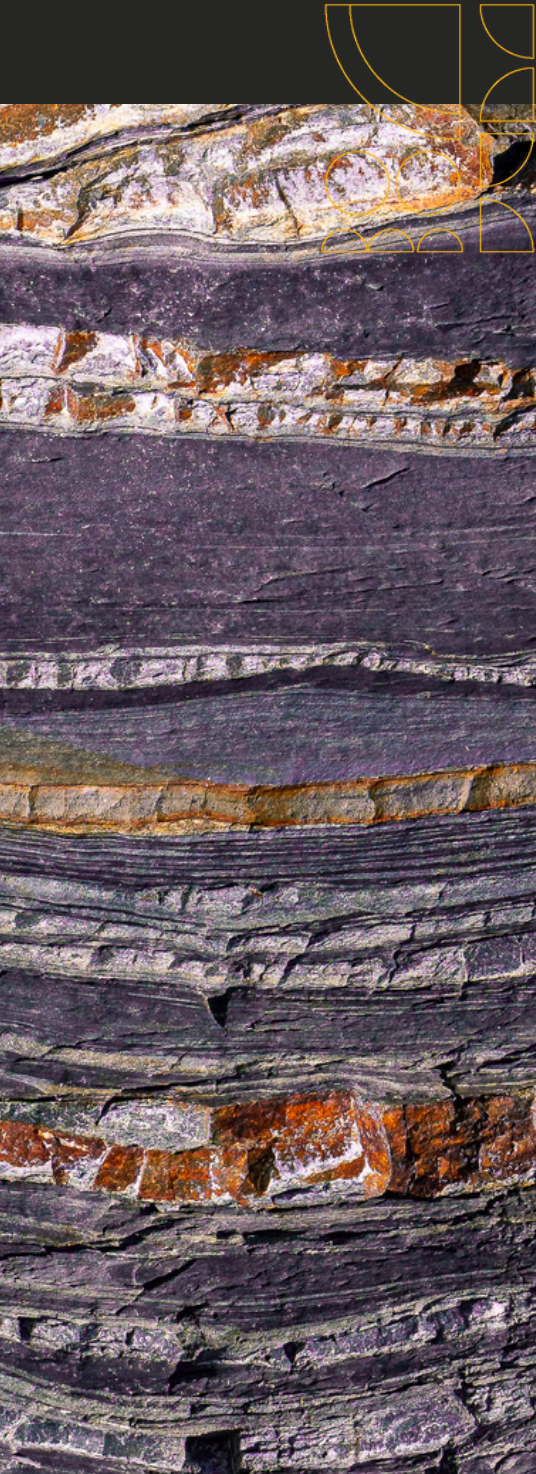## MODELING GEOLOGICAL PROCESSES USING EUROPEAN FLAGSHIP CODES

ChEESE

25 - 28 MARCH, 2024

TRAINING

University of Mainz, Mainz, Germany. Johann-Joachim-Becher-Weg 21, Room 01-114, 55128 Mainz

DAY 3 - 27 MARCH

SESSION 5		
09:00-11:00	Running pTatin models #1	Anthony Jourdon
11:00-11:20	Coffee break	
11:20-12:30	Running pTatin models #2	Anthony Jourdon
12:30-14:00	Lunch Break	
SESSION 6		
14:00-16:00	Extract geological observables from geodynamic models	Anthony Jourdon
16:00-16:20	Coffee break	
16:20-18:00	Work on your own project	Boris, Nico, Iskander, Anthony

DAY 4 - 28 MARCH

SESSION 7		
09:00-11:00	Projects	Boris, Nico, Iskander, Anthony
11:00-11:20	Coffee break	
11:20-12:30	Projects	Boris, Nico, Iskander, Anthony
12:30-14:00	Lunch Break	
SESSION 8		
14:30-16:00	Projects	Boris Kaus
16:00-16:20	Coffee break	
16:20-18:00	Projects	Boris Kaus