

Workshop Program

Sunday July 17th:

Arrival and registration (check in time 15:00), welcome reception at 18:30 and dinner at 19:00.

Monday July 18th: Why is it important to know the evolution of plate tectonics?

8:00 – 9:00	Breakfast
9:00 – 9:15	Welcome address (organisers and Monte Verità Foundation)
9:15 – 10:10	Maruyama, Shigenori (Tokyo Inst. Technology, Japan) Earth history
10:10 – 11:05	Coltice, Nicolas (U. Lyon) Importance of plate tectonics for the geochemical evolution of Earth's mantle
11:05 – 11:35	Coffee break
11:35 – 12:30	Breuer, Doris (DLR, Germany) Is there plate tectonics on extrasolar planets (exoplanets)?
12:30 – 14:30	Lunch (including meeting of students with invited speakers)
14:30 – 15:30	Short (3 Minutes) presentation of posters
15:30 – 17:30	Posters + refreshments
17:30 – 19:00	Plenary discussion
19:00 –	Dinner

Tuesday July 19th: When did plate tectonics start?

8:00 – 9:00	Breakfast
9:00 – 10:00	Brown, Michael (U. Maryland, USA) Evidence from the metamorphic rock record for the onset of plate tectonics
10:00 – 11:00	Harrison, T. Mark (UCLA) Geochemical evidence for early plate tectonics
11:00 – 11:30	Coffee break
11:30 – 12:30	Condie, Kent (New Mexico Tech) The onset of plate tectonics on Earth: A planet in transition between 2 and 3 Ga
12:30 – 14:30	Lunch (including meeting of students with invited speakers)
14:30 – 15:30	van Hunen, Jeroen (Durham U., UK) Modelling the dynamics and observables of subduction in early Earth
15:30 – 16:30	Short (3 Minutes) presentation of posters

16:30 – 17:30	Posters + refreshments
17:30 – 19:00	Plenary discussion
19:00 –	Dinner

Wednesday July 20th: Field trip to the Alps (Jean-Pierre Burg, leader)

7:30 – 8:30	Breakfast
8:30 – 11:30	Departure, introduction and various points of stop 1 in Arcegno
11:30 – 12:15	Travel to Lavertezzo
12:15 – 13:00	Lunch on Lavertezzo river
13:00 – 14:30	Stop 2
14:30 – 14:45	Travel to “James Bond” dam
14:45 – 15:30	Stop 3
15:30 – 16:15	Travel to Bellinzona
16:15 – 17:00	Stop 4
17:00 – 18:00	Apero at Bellinzona Castle and return to Monte Verita (arrival ~18:30-19:00)
19:00 –	Dinner

Thursday July 21st: "How did plate tectonics start?"

8:00 – 9:00	Breakfast
9:00 – 10:00	Solomatov, Slava (WUSTL) Scaling of plate tectonics
10:00 – 11:00	Ricard, Yanick (U. Lyon) Onset of plate tectonics by accumulated lithospheric damage
11:00 – 11:30	Coffee break
11:30 – 12:30	Sobolev, S. (GFZ) Plate tectonics initiation as running hurdles.
12:30 – 14:30	Lunch (including meeting of students with invited speakers)
14:30 – 15:30	Short (3 Minutes) presentation of posters
15:30 – 17:30	Posters + refreshments
17:30 – 19:00	Plenary discussion
19:00 –	Dinner

Friday July 22nd: What was before plate tectonics?

8:00 – 9:00	Breakfast
9:00 – 9:55	Sizova, Elena (U. Vienna) Plume tectonics and formation of TTG in the Archean
9:55 – 10:50	Harris, Lyal (INRS-ETE, Canada) Comparisons Early Earth with Venus
10:50 – 11:20	Coffee break
11:20 – 12:20	Final Plenary Discussion: What have we learned and where do we go from here?
12:20 – 12:30	Presentation of “Best Young Scientist Presentation” award and closing remarks.
12:30 – 14:00	Lunch (including meeting of students with invited speakers)
14:00 –	Departure