



WORLDWIDE MOUNTAIN CHAINS WORKSHOP

Salamanca (Spain), 12th and 13th of May, 2022
Facultad de Ciencias, Aula de Grados

<https://sites.google.com/usal.es/wmt/home>

Organization:



Program

Thursday, may 12th

MORNING SESSION

8:30: Welcome and presentation

9:00: Erosion, sedimentation and tectonic evolution in NW Himalayas

Prof. Robert W. Butler, University of Aberdeen, Scotland (UK)

10:00: Discussion

11:00: Coffee break

11:30: Hyperextension, mountain building and renewed extension: tectonic cycles in the Pyrenees

Prof. Antonio Teixell, Universidad Autónoma de Barcelona (Spain)

12:30: Discussion

13:30: Lunch Break

AFTERNOON SESSION

16:00: The influence of the SE Eurasian continental margin architecture on the Taiwan fold-and-thrust belt

Prof. Dennis Brown and Joaquina Alvarez Marrón, Geo3BCN, CSIC Barcelona (Spain)

17:00 am: Discussion

18:00 Coffee break

18:30: Driving forces and structures. What can we learn from the earthquake derived stress field. Case studies from Iceland and Taiwan

Prof. Björn Lund, Uppsala University and SNSN; Uppsala (Sweden)

19:30 Discussion



Friday, may 13th

MORNING SESSION

8:30: Processes of eastern Pangea assembly: Transition from multiple early Paleozoic peri-Pacific supra-subduction switches to Late Paleozoic oroclinal bending and collision

Prof. Karel Schulmann, Université de Strasbourg (France), and Czech Geological Survey (Czech Republic)

9:30: Discussion

10:30: Coffee break

10:45: Suprasubduction switching from extension to compression during Rodinia assembly inferred from petrochronology of kyanite-sillimanite gneiss and garnet-staurolite schist (Bayankhongor area, Mongolia)

Prof. Štípská Pavl, Czech Geological Survey (Czech Republic)

11:45: Discussion

12:45: Coffee Break

13:00: The Variscan belt: Correlations and tectonic interpretation

Prof. José Ramón Martínez Catalán, Universidad de Salamanca (Spain)

14:00: Discussion

Location:

Aula de Grados,
Facultad de Ciencias, Universidad de Salamanca
Pza. de los Caídos s/n 37008 Salamanca,
<https://goo.gl/maps/CvnutfAZjx2P2B6y9>

Inscriptions:

Entrance is free. However, due the limited number of seats, participants are asked to register by email (puy@usal.es with cc to jugb@usal.es).