

Central Asian Tectonics –Pamir, Tian Shan and Tibet from Paleozoic to Present

TS 7.5 session at EGU Online Assembly 2020
Chat session Thursday, 7th of May from 16:15 – 18:00 CEST

Bold have uploaded contents already (04.05.2020), presentation schedule:

- 1) Diachronous Tibetan Plateau landscape evolution derived from lava field geomorphology (Mark Allen and Robert Law)**
- 2) Early Eocene rapid exhumation record in the region of Nima, central Tibet, as determined by low-temperature thermochronology (Weiwei Xue, Yani Najman, Xiumian Hu, Cristina Persano, Finlay M. Stuart, Wei Li, and Ying Wang)**
- 3) Early Eocene rapid exhumation record in the region of Nima, central Tibet, as determined by low-temperature thermochronology (Wenhang Liu, Piotr Krzywiec, Stanisław Mazur, Fanwei Meng, Qingong Zhuo, and Zhuxin Chen)**
- 4) Seismic Behavior Along a Fault Segment in an Active Continental Collision Zone: New Paleoseismic and Structural Data of the Pamir Frontal Thrust in the Alai Valley, Kyrgyzstan, Central Asia.(Magda Patyniak, Angela Landgraf, Atyrgul Dzhumabaeva, Alana M. Williams, Sultan Baikulov, J Ramon Arrowsmith, Kanatbek Abdrakhmatov, and Manfred R. Strecker)**
- 5) Control of pre-existing crustal architecture on Cenozoic formation of the Pamir (Edward Sobel, Johannes Rembe, Jonas Kley, Renjie Zhou, Baiansuluu Terbishalieva, and Jie Chen)**

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- 6) A syn-collisional or post-collisional belt? In the view from the middle segment of the Central Tianshan Belt (Wei Lin and Le Li)
- 7) **Early-Paleozoic geodynamics of the Altai orogen: Constraints from geochemical and zircon U-Pb-Hf isotopic study of paragneissic rocks from the southern Chinese Altai (Xing Cui, Min Sun, Guochun Zhao, Yunying Zhang, Jinlong Yao, and Yigui Han)**
- 8) **Foreland thrusting and slab formation in the Pamir (Jonas Kley, Edward R. Sobel, Johannes Rembe, Thomas Voigt, Chen Jie, Langtao Liu, and Rasmus Thiede)**
- 9) **Time resolved rutile U/Pb data derived from LA-ICPMS – a case study from the North Pamir (Johannes Rembe, Renjie Zhou, Edward R. Sobel, Jonas Kley, and Rasmus Thiede)**
- 10) Stratified and polygenetic en echelon detachment folds: Cases for Nankalayuergun fold zone, North Tarim Basin, NW China (Jiajun Chen and Dengfa He)
- 11) **A Tarim-South China-North India connection in the periphery of Rodinia: Constraints from provenance of middle Neoproterozoic sedimentary rocks in the Altyn Tagh orogen, southeastern Tarim (Qian Liu)**
- 12) Structure, strain and AMS of the Uzunakhmat thrust sheet (Talas Range, Kyrgyz North Tian Shan) (Anastasia Kushnareva, Artem Moskalenko, and Alexander Pasenko)

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- 13) Distinct Orogenic Processes in the South- and North-Central Tien Shan from Receiver Functions (Xuewei Bao, Bingfeng Zhang, and Yixian Xu)**
- 14) Early Permian Paleomagnetic Result from the South Beishan (NW China) and Its Implications for the Tectonic Evolution of the SW Central Asian Orogenic Belt (Xin Zhu, Yan Chen, Bo Wang, Stéphane Scaillet, Michel Faure, and Xinghua Ni)
- 15) Chronology of Tectonic Movement of Cratonic Basin: Insight from New Evidences from Ordos Basin, North China (Dengfa He)