



The Leibniz Society of Sciences at Berlin e.V.

and

the Helmholtz-Centre Potsdam German Centre for Geosciences GFZ

cordially invite to an international workshop on

The Geology of Eurasia

June 27+28, 2019

located at

Wissenschaftspark „Albert Einstein“
Potsdam, Telegraphenberg,

Main lecture hall (building H)



Workshop schedule I/II:

Thursday, Jun27:

- 10:00 Welcome addresses by the host organizations
Prof. Magdalena Scheck-Wenderoth, Director of GFZ Potsdam Department 'Geosystems'
Prof. Gerhard Banse, President of the Leibniz Society of Sciences at Berlin e.V.
- 10:20 Inauguration of Prof. Wenjiao Xiao as new member of the Leibniz Society
- 10:30 Inauguration lecture: Prof. Wenjiao Xiao, IGG CAS Beijing, China
New insights in the Altaids – Tethysides Amalgamation
- 11:30 L. Ratschbacher: *Steady-state plate tectonics – unsteady orogeny: a view from Pamir-Tibet*
D. Konopelko: *Neoproterozoic South Tianshan basement metamorphosed in the early Carboniferous*
T. Wang: *Orogenic Architecture and Crustal Growth from Accretion to Collision: Examples from the Central Asian Orogenic Belt and Kunlun-Qinling orogeny*
R. Seltmann, MLS: *Altaids metallogeny during 800 Ma and the jackpot at ~ 290 Ma*
- 12:50 Lunch, GFZ canteen building H
- 14:00 Keynote: Prof. A. M. Celal Sengör, MLS, Istanbul Technical University, Turkey
The Tectonics of the Altaids
- 14:50 M.R. Handy: *Subduction dynamics in the Alps-Mediterranean system seen from down under - the contribution of AlpArray*
- 15:10 Coffee break
- 15:30 L. Scheck-Wenderoth: *Present-day lithosphere configuration of the Alps and their forelands*
R. Kind, MLS: *Comparing the seismic structure of the mantle lithosphere of China, the USA and Central Europe*
P. Martinez-Garzon: *Contemporary stress and strain field in the Mediterranean from stress inversion, GPS data and shear-wave splitting*
S. Parolai: *The contribution of the Global Change Observatory Central Asia to seismic hazard assessment and risk mitigation*
- 17:00 General discussion
- 19:00 Workshop Dinner
Restaurant 'El Puerto' in Potsdam



Workshop schedule II/II:

Friday, Jun28:

- 09:00 Keynote: Prof. James Jackson, Cambridge University, UK
The role of lithospheric thickness variations in the active tectonics of Asia
- 09:50 J. Mechie: *Growing the Tibet plateau - the view from the deep crust, Moho and upper mantle*
I. Safonova: *Tectonic erosion in the Central Asian Orogenic Belt*
- 10:30 Coffee break
- 10:50 Keynote: Prof. Uwe Kroner, Technical University Bergakademie Freiberg, Germany
The assembly of Pangaea: the metallogeny of the orogens along the Rheic Suture
- 11:40 M.R. Strecker: *Neotectonics of the Pamir frontal thrust system: from earthquake ruptures to range-front segmentation*
E. Sobel: *A Triassic rift basin in the External Pamir - implications for Cenozoic intracontinental subduction*
A. Müller, MLS: *The geotectonic setting and genesis of the giant Oyu Tolgoi Cu-Au porphyry district, Mongolia: A rare example of an "ancient" (Devonian) porphyry-style deposit*
- 12:40 General discussion
- 13:30 End of workshop
Lunch, GFZ canteen building H

There is no fee to attend the workshop.
Please register by email to rha@gfz-potsdam.de

Workshop contact:

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MLS -Member of Leibniz Society of Sciences at Berlin e.V.