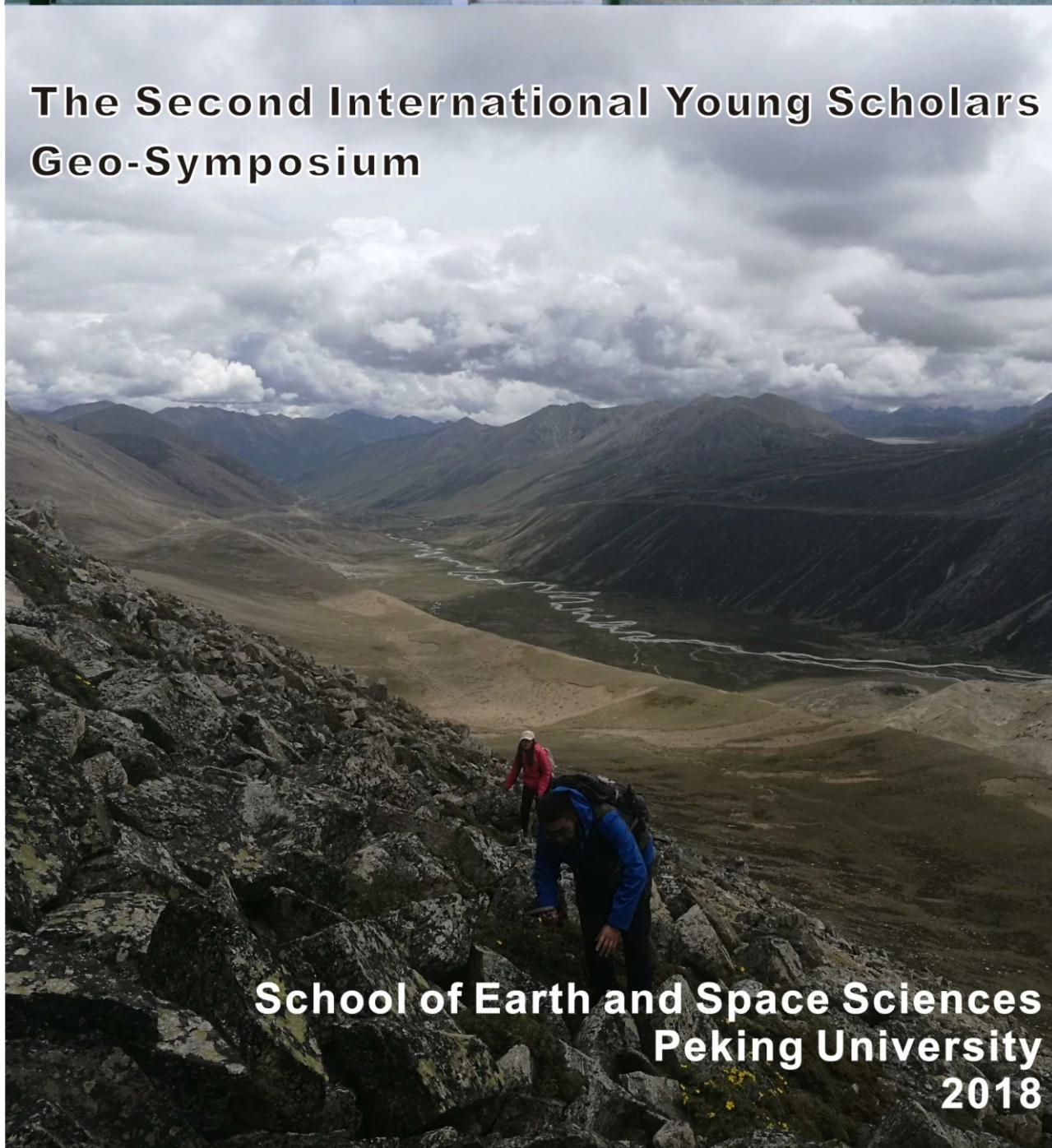




# The Second International Young Scholars Geo-Symposium



**School of Earth and Space Sciences  
Peking University  
2018**

# **The Second International Young Scholars Geo-Symposium**

Department of Geology, School of Earth and Space Sciences, Peking University

The Key Laboratory of Orogenic Belts and Crustal Evolution

November 22<sup>nd</sup> – 23<sup>rd</sup> 2018

3331# room, 3<sup>rd</sup> floor, Yifu-Building-2, Peking University

(会议地址：北京大学逸夫二楼 3331 报告厅)



## Welcome

Welcome to Peking University (PKU) "International Young Scholars Geo-Symposium"! Geo-Symposium is targeted on providing a unique academic platform for communication and coordination among and scientists and pre-career scientists at home and abroad in geology. As a hallmark at PKU, Geo-Symposium enables outstanding scholars to share their cutting-edge research and creative energies with enthusiastic students and professors on PKU campus. A full schedule of events is included on the next pages of this program, and we encourage you to take advantage of all that Academic Forum has to offer.

In this year, the Second International Young Scholars Geo-Symposium is proud to invite more than 20 oral presentations. The diversity of these presentations includes research in Planetary geology, Tectonics, Structural Geology, Geochemistry, Paleobiology and Stratigraphy, and Petrology-Mineralogy-Economic geology.

In accordance with tradition, many exciting "extracurricular" events will take place during Geo-Symposium. All attendees of Geo-Symposium are invited to attend the Geo-Symposium formal dinner, Friday evening (November 23<sup>rd</sup>). Eat, drink, and explore your respective careers in the charming PKU campus. Make sure to save some energy and time to talk with Dean Prof. Lifei Zhang and all PKU professors about your research and career planning at the dinner party. We would like to thank all of those who helped support and organize the second Geo-Symposium this year. Your tireless efforts ensure the continued success of Geo-Symposium in PKU.



Lifei Zhang Professor, Dean

School of Earth and Space Sciences, Peking University

<b>Thursday, November 22<sup>nd</sup></b>			
<b>3331# room, 3<sup>rd</sup> floor, Yifu-Building-2, Peking University</b>			
<b>Oral Presentations</b>			
<b>8:30-9:00 Welcome</b>			
Part I Host: Dean Prof. Lifei Zhang; Prof. Jinjiang Zhang			
09:00-09:30	许成	北京大学	中国北南轻重稀土成矿机制初探
09:30-10:00	佟歆悦	The University of Texas at Austin	Slip Transients and Earthquakes in Plate Boundary: A Plastic Formulation
10:00-10:30	瞿清明	University of Ottawa	Evolutionary developmental studies using fossils and molecular approaches
<b>10:30-10:45 Tea break</b>			
Host: Prof. Baofu Han, Dr. Bing Shen, Dr. Bo Zhang			
10:45-11:15	程丰	University of Rochester	The interplay between climate and tectonics during the upward and outward growth of the Qilian Shan orogenic wedge, northern Tibetan Plateau
11:15-11:45	冷伟	University of Bremen	Changing ice-margin process that produced red mud event beds on Laurentian Fan and implications for ice-stream outlets--based on rock magnetic and geochemical proxy study
11:45-12:15	李仕虎	Lancaster University	青藏高原东南缘新生代构造旋转与走滑变形过程
<b>12:15-13:30 Geo-Symposium lunch (3<sup>rd</sup> floor, Nongyuan dining-hall)</b>			
Part II Host: Prof. Chunjing Wei, Dr. Guibin Zhang, Dr. Jinzhuang Xue			
13:30-14:00	王勤	南京大学	Petrofabrics and seismic anisotropy of peridotites: Implications for mantle flow
14:00-14:30	曹文涛	State University of New York	Partial melting of high-pressure zoisite eclogites from the Sanddal area, North-East Greenland Caledonides
14:30-15:00	唐卿	Virginia Tech	When the world had no animals: Eukaryotes before the Neoproterozoic Snowball Earth
<b>15:00-15:15 Tea break</b>			
Host: Prof. Yongfeng Zhu, Dr. Cheng Xu, Dr. Baoqi Huang			
15:15-15:45	张会平	中国地震局	Glacially driven formation of high-elevation, low-relief landscapes in eastern Tibet
15:45-16:15	周晓理	Rutgers University	Decreasing seawater Ca concentration during the Cenozoic and its implications in paleoclimate
16:15-16:45	李慧娟	北京大学	Thermodynamic modelling of F, Cl and OH partitioning between apatite and silicate melts
<b>17:00-20:00 Geo-Symposium dinner (3<sup>rd</sup> floor, Nongyuan dining-hall)</b>			

<b>Friday, November 23<sup>rd</sup></b>			
<b>3331# room, 3<sup>rd</sup> floor, Yifu-Building-2, Peking University</b>			
<b>Oral Presentations</b>			
<b>8:25-8:45 Welcome and Coffee</b>			
Part I Host: Prof. Yuanlin Sun, Dr. Qiugen Li, Dr. Yan Li			
08:45-09:15	常 燎	北京大学	Biogenic magnetite tracing of abrupt environmental changes
09:15-09:45	郝宏达	Laurentian University	Platinum-group element geochemistry in porphyry systems: a case study of the Northparkes porphyry Cu-Au deposits
09:45-10:15	王 博	南京大学	Transcurrent tectonics in orogenic belts: genesis and roles in geodynamic reconstruction
<b>10:15-10:30 Tea break</b>			
Host: Prof. Baochun Huang, Dr. Tao He, Dr. Zeng Lv			
10:30-11:00	王 洋	中山大学	三江构造带晚新生代构造地貌演化
11:00-11:30	贾 佳	北京大学	Fossil and Extant Salamanders (Amphibia, Urodela) from China Shed New Lights on the Origin of Hynobiidae
11:30-12:00	李 诺	莱布尼茨大学	高盐度富 CO <sub>2</sub> 流体: 发现及其意义
<b>12:05-13:30 Geo-Symposium lunch (3<sup>rd</sup> floor, Nongyuan dining-hall)</b>			
Part II Host: Prof. Yong Lai, Dr. Wenbo Li, Dr. Shuning Li			
13:30-14:00	曹淑云	China University of Geosciences	Eocene high-pressure metamorphism to Miocene retrogression on metamorphic core complex: Naxos, Cyclades, Greece
14:00-14:30	Giovanni Giuseppe Scanu	University of Cagliari, Italy	Paleobiology and Stratigraphy
14:30-15:00	焦若鸿	German Research Centre of Geosciences, Potsdam	Exhumation and erosion of the Southern Alps of New Zealand
15:00-15:30	杜 蔚	中国科学院	Application of high pressure and high temperature experiments to earth science
15:30-16:00	Host: Prof. Lifei Zhang, Jinjiang Zhang		
16:00-17:30	Discussion/ Visiting Labs		
<b>18:00-21:00 Geo-Symposium Reception (Shaoyuan dining-hall)</b>			

**Register time: 8:00am-18:00pm on November 21<sup>st</sup>**

**Register address:** Room 3319#, 3<sup>rd</sup> floor, Yifu Building-2, School of Earth and Space Sciences,  
Peking University

**Hotel:** Fuyishishang Hotel(富驿时尚酒店, 北京市海淀区北四环西路68号), 68# Western Road,  
North Fourth Ring Road, Haidian, Beijing.

Chairman of organizing committee:

Lifei Zhang Professor, Director of School of Earth and Space Sciences

Jinjiang Zhang Professor, Vice Director of School of Earth and Space Sciences

Organizing committee:

Bo Zhang, Bing Shen, Baoqi Huang, Cheng Xu, Liao Chang, Lin Dong, Shuning Li, Thomas Berndt, Qiugen Li, Pingping Li, Qiong Liu, Jinzhuang Xue, Guibin Zhang, Nan Zhang, Xi Liu, Yuanyuan Zhang, Yan Li, Zeng Lv, Zuoyu Sun, Wenbo Li

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