

“太古宙构造样式”国际学术研讨会二号通知



河北省邢台市

中国地质大学（武汉）全球大地构造中心

2017年9月14日-2017年9月21日

一、会议简介

早期地球的组成和构造体制一直是早前寒武纪地球科学研究的热点。围绕早期地壳生长机制、克拉通演化以及板块构造机制和启动时间等关键科学问题，中国地质大学（武汉）全球大地构造中心拟于2017年9月14-21日在武汉举行主题为“太古宙构造样式”的国际学术研讨会。会议内容主要包括3部分：会前短期课程培训、学术报告会以及会后野外考察。详细日程安排如下：

第一部分：会前短期课程培训

9月14-15日：在中国地质大学（武汉）进行会前短期课程培训，主题为：**陆壳演化**（主讲人：Walter Mooney, Alfred Kroner）；

第二部分：学术报告会

9月16日：在中国地质大学（武汉）举行“太古宙构造样式”学术报告会；参会人员请于9月15日晚8点前到达中国地质大学（武汉）迎宾楼完成学术会议注册；

第三部分：会后野外地质考察

9月17-21日将前往河北省邢台市进行野外地质考察和现场讨论交流，安排如下（详细野外事宜请参见野外指南，将于野外考察前发放）：

9月17日：就野外相关事宜及野外地质概况进行简要介绍并前往邢台市，住宿于河北省邢台市；

9月18日：赞皇新太古代构造混杂岩野外地质考察（领队：王军鹏，邓浩，Timothy Kusky）；

9月19日：穿切赞皇新太古代构造混杂岩组构的基性岩墙和花岗质岩石及后期基性岩墙野外考察（领队：邓浩，王军鹏，Timothy Kusky）；

9月20日：赞皇地体北部地区~2.1 Ga 花岗质岩石野外考察（领队：彭澎），参会人员邮寄样品，午饭后可返回北京或西安，结束野外考察；

9月21日：其余参会人员返回武汉。

便于会议组合理安排食宿，请参会人员于 **7月25日** 前返回参会表格（附后），完成会议和野外注册。

二、主办单位和承办、协办单位

主办单位：

中国地质大学（武汉）

协办单位：

中国科学院地质与地球物理研究所

承办单位：

中国地质大学（武汉）地球科学学院全球大地构造中心

中国地质大学（武汉）地质过程与矿产资源国家重点实验室

中国地质大学（武汉）科学技术发展院

中国地质大学（武汉）国际合作处

中国地质大学（武汉）教育部长江三峡库区地质灾害研究中心

三、会议召集人及会议秘书

会议召集人

姓名	单位	邮箱
Timothy Kusky	中国地质大学（武汉）	tkusky@gmail.com
翟明国	中国科学院地质与地球物理研究所	mgzhai@mail.iggcas.ac.cn
彭澎	中国科学院地质与地球物理研究所	pengpengwj@mail.iggcas.ac.cn

会议秘书

姓名	单位	邮箱
王军鹏	中国地质大学（武汉）	wangjp@cug.edu.cn
邓浩	中国地质大学（武汉）	denghao815@126.com

四、目前已确认参会人员名单及报告题目（9月16日）

专题 1: Archean Tectonic Style: Field Based Approaches and Comparative Tectonic Analysis		
姓名	单位	报告题目
Timothy Kusky	China University of Geosciences (Wuhan), China	Insights into the tectonic evolution of the North China Craton through comparative tectonic analysis: A record of outward growth of Precambrian continents
赵国春 (Guochun Zhao)	香港大学, 中国	Metamorphic P-T evolution of the NCC and tectonic implications
翟明国 (Mingguo Zhai)	中国科学院地质与地球物理研究所, 中国	Archean multi-crustal growth and cratonization of the NCC
Brian Windley	University of Leicester, UK	Ocean plate stratigraphy through time
Erdin Bozkurt	Middle East Technical University, Turkey	Opening of Neotethyan Ocean in Turkey
Osman Parlak	Cukurova University, Turkey	Tethyan ophiolitic melanges of Turkey
Ali Faghih	Shiraz University, Iran	Nature and structure of tectonic melanges, Zagros orogen, Iran
张建 (Jian Zhang)	中山大学, 中国	Undetermined

专题 2: Numerical Models of Archean Tectonics

姓名	单位	报告题目
Michael Brown	University of Maryland, USA	What drives metamorphism in the Archean

专题 3: Seismic and Geophysical Constraints on Crustal Structure

姓名	单位	报告题目
Larry Brown	Cornell University, USA	Archean vs. Phanerozoic lithospheric structure revealed by Deep Seismic Reflection Profiles
Walter Mooney	United States Geological Survey, USA	Deep seismic structure and lithospheric processes beneath Archean and Proterozoic cratons
张艳飞 (Yanfei Zhang)	中国地质大学(武汉), 中国	Undetermined

专题 4: Metamorphic and Geochronologic Constraints on Archean Tectonic Style

姓名	单位	报告题目
Alfred Kroner	Johannes Gutenberg-Universität Mainz, Germany	Complications in interpreting zircon ages from polymetamorphic Precambrian terranes
Simon Wilde	Curtin University, Australia	Geochronological constraints on the evolution of the Central Orogenic Belt of the North China Craton
魏春景 (Chunjing Wei)	北京大学, 中国	Tectonic Evolution of the Central Asia Orogenic Belt: Constraints from the PTt paths of metamorphism in the central Inner Mongolia

吴春明 (Chunming Wu)	中国科学院大学, 中国	Metamorphic conditions in the Dunhuang Terrane, southernmost Central Asian orogenic Belt
仝来喜 (Laixi Tong)	中国科学院广州地球化学研究所, 中国	Polymetamorphism of garnet-bearing mafic granulite from the Larsemann Hills, East Antarctica: P-T path, U-Pb ages and tectonic implications
王伟 (Wei Wang)	中国地质大学(北京), 中国	Liaoning COB accretionary orogen

**专题 5: Geochemical Constraints on Archean Tectonics
with an Evolving Mantle**

姓名	单位	报告题目
Ali Polat	University of Windsor, Canada	Field evidence for the operation of plate tectonics throughout the Archean
Julian Pearce	University of Durham, UK	Fingerprinting the Archean

五、会议注册及野外费用

9月14-15日校内短期课程: 在中国地质大学(武汉)校内举行, 不收取培训注册费, 参会人员旅费自理。为确保会议效果, 注册人数限定在150人以内。

9月16日校内会议报告: 在中国地质大学(武汉)举行, 收取会议注册费, 参会人员旅费自理, 具体收费情况详见三号通知。参会人数口头报告安排人数控制在22人以内, 先报名先安排报告, 展板数量不限。

9月17日-21日赞皇新太古代混杂岩野外野外: 收取注册费(包含食宿、交通等), 具体收费情况详见三号通知。会务组考虑野外考察效果、野外安全等因素, 现将野外考察人数控制在30人之内, 先报名先安排。

联系方式

1、会议专用邮箱：cgt_cug@126.com

2、会议报告秘书组：负责短期课程及会议报告

姓名	邮箱	电话
邓浩	denghao815@cug.edu.cn	18569454838
王振胜	jasonwang@cug.edu.cn	13387584541
付冬	DebbieFu@cug.edu.cn	18164050593
黄波	hbyjdg@cug.edu.cn	18062437525

野外秘书组：负责野外行程安排

姓名	邮箱	电话
王军鹏	wangjp@cug.edu.cn	18971193669
兰冰源	lanbingyuan001@qq.com	18086492905
李夏雯	li.xiawen@qq.com	17783590138
宁文彬	ningwenbin94@qq.com	15827469095

附件

地大附近酒店住宿参考：

- A. 中国地质大学（武汉）迎宾楼
电话：027-87515546
地址：武汉市洪山区鲁磨路 388 号（地大东区校园内）
- B. 梦天湖大酒店（准三星）
电话：027-87513356
地址：武汉市洪山区东湖鲁磨路桥梁村（公交植物园小李村站以北约 150m）
- C. 七天连锁酒店鲁巷广场店
电话：027-59836777
地址：武汉市洪山区鲁磨路 243 号（国光大厦 A 座，公交鲁磨路曹家湾站）
- D. 湖滨花园酒店（四星）
电话：027-87782888
地址：武汉市洪山区珞瑜路 115 号

注：会务组只负责会议报告人员在汉期间和野外考察期间的酒店的预订。请其余参会注册人员自行提前预定武汉短期课程和会议报告期间的酒店。

到地大交通方式：

武汉市有 1 个机场（天河机场），3 个火车站（汉口站、武昌站、武汉站），汉口站坐地铁 2 号线抵达光谷广场站，换乘的士抵达地大；武昌站选乘 59 路公交车抵达终点地质大学站；武汉站选乘地铁到达光谷广场站，换乘的士抵达地大。乘出租车由机场至地大，费用 160 元左右；乘出租车由火车站至地大，费用 30-50 元左右。

附 武汉地图



附 中国地质大学校园平面图



附 国内人员注册表

姓名			
性别			
手机			
E-mail			
报告 (是/否)		题目	
海报 (是/否)		题目	
摘要			
野外 (是/否)		野外住宿要求 (单间/合住)	
		野外食物禁忌	
备注			

注册截止日期为 7 月 25 号，请发送至 cgt_cug@126.com

Second Circular

Constraints on Archean Tectonic Style

and

Field Workshop on Archean Mélanges and Superimposed Tectonomagmatic Events in the Zanhuang Complex, North China Craton



Center for Global Tectonics, China University of Geoscience, Wuhan

September 14-21, 2017

The composition and tectonic regime of the early earth are a current research hotspot of early Precambrian geoscientific research. Studies are focused on crucial scientific questions such as the mechanisms of early crustal growth, cratonic evolution, tectonic style with time, and the starting time of plate tectonics. The Center for Global Tectonics 2017 Annual International Meeting (Constraints on Archean Tectonic Style) has been scheduled for September 14-21 at CUGW, with a field trip to the Archean mélanges in the Zanhuang Complex of the North China Craton. The meeting includes three parts: pre-conference short course, conference, and field trip in Zanhuang.

I. Preliminary Itinerary

Part I : Pre-conference short course

Sept. 14-15: pre-conference short course in CUGW, “Crustal Evolution”, led by Walter Mooney and Alfred Kroner.

Sept. 15: delegates arrive at CUGW, register and check in, open icebreaker at 8PM in CUGW.

Part II : Conference

Sept. 16: whole day conference in CUGW.

Part III: Field trip (Sept. 17-21)

Field manual will be provided before the trip.

Sept. 17: morning meeting on field trip preparations and “what we hope to show you”; travel to Zanhuang, stay in Xingtai City.

Sept. 18: full day on late Archean mélanges of the Zanhuang Complex (led by Wang Junpeng, Deng Hao, Timothy Kusky).

Sept. 19: full day on mafic dikes and granitic pegmatites cross-cutting mélange fabrics, and late mafic dikes (led by Deng Hao, Wang Junpeng, Timothy Kusky).

Sept. 20: half day on 2.1 Ga sill complexes in Northern Zanhuang (led by Peng Peng). Some participants may take train back to Beijing or Xi’an after noon and skip the Xingtai-Wuhan-Beijing route.

Sept. 21: remaining participants leave Xingtai and return to Wuhan in the morning.

We need to arrange accommodations, so please respond asap by returning the form at the end of this announcement before July 25th.

II. Conference themes and invited speakers

Topic 1: Archean Tectonic Style: Field Based Approaches and Comparative Tectonic Analysis		
Name	Affiliation	Presentation Title
Timothy Kusky	China University of Geosciences (Wuhan), China	Insights into the tectonic evolution of the North China Craton through comparative tectonic analysis: A record of outward growth of Precambrian continents
Guochun Zhao (赵国春)	The University of Hong Kong, China	Metamorphic P-T evolution of the NCC and tectonic implications
Mingguo Zhai (翟明国)	Institute of Geology and Geophysics, Chinese Academy of Sciences, China	Archean multi-crustal growth and cratonization of the NCC
Brian Windley	University of Leicester, UK	Ocean plate stratigraphy through time
Erdin Bozkurt	Middle East Technical University, Turkey	Opening of Neotethyan Ocean in Turkey
Osman Parlak	Cukurova University, Turkey	Tethyan ophiolitic melanges of Turkey
Ali Faghih	Shiraz University, Iran	Nature and structure of tectonic melanges, Zagros orogen, Iran
Jian Zhang (张建)	Sun Yat-sen University, China	Undetermined

Topic 2: Numerical Models of Archean Tectonics

Name	Affiliation	Presentation Title
Michael Brown	University of Maryland, USA	What drives metamorphism in the Archean

Topic 3: Seismic and Geophysical Constraints on Crustal Structure

Name	Affiliation	Presentation Title
Larry Brown	Cornell University, USA	Archean vs. Phanerozoic lithospheric structure revealed by Deep Seismic Reflection Profiles
Walter Mooney	United States Geological Survey, USA	Deep seismic structure and lithospheric processes beneath Archean and Proterozoic cratons
Yanfei Zhang (张艳飞)	China University of Geosciences (Wuhan), China	Undetermined

Topic 4: Metamorphic and Geochronologic Constraints on Archean Tectonic Style

Name	Affiliation	Presentation Title
Alfred Kroner	Johannes Gutenberg-Universität Mainz, Germany	Complications in interpreting zircon ages from polymetamorphic Precambrian terranes
Simon Wilde	Curtin University, Australia	Geochronological constraints on the evolution of the Central Orogenic Belt of the North China Craton

Chunjing Wei (魏春景)	Peking University, China	Tectonic Evolution of the Central Asia Orogenic Belt: Constraints from the PTt paths of metamorphism in the central Inner Mongolia
Chunming Wu (吴春明)	University of Chinese Academy of Sciences, China	Metamorphic conditions in the Dunhuang Terrane, southernmost Central Asian orogenic Belt
Laixi Tong (仝来喜)	Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, China	Polymetamorphism of garnet-bearing mafic granulite from the Larsemann Hills, East Antarctica: P-T path, U-Pb ages and tectonic implications
Wei Wang (王伟)	China University of Geosciences (Beijing), China	Liaoning COB accretionary orogen

Topic 5: Geochemical Constraints on Archean Tectonics with an Evolving Mantle

Name	Affiliation	Presentation Title
Ali Polat	University of Windsor, Canada	Field evidence for the operation of plate tectonics throughout the Archean
Julian Pearce	University of Durham, UK	Fingerprinting the Archean

III. Registration and fees

Sept. 14-15: Pre-conference short course

Pre-conference short course in CUGW (Indoor) on Sept. 14-15 is free; however accommodation, food and personal expenses are covered by participants. The number of people participating in the short course will be restricted to 150.

Sept. 16: Conference

Participants need to pay registration fee for the conference within CUG Wuhan, and the fee will be shown in 3 circular. The number of presentation is limited to 22,

based on a first-come basis. We are pleased if the participants can attend the poster section.

Sept. 17-21: Field trip

The number of people participating in the field trip will be restricted to 30, based on a first-come (register and pay) basis. The fee for the field trip including accommodation, transportation and food will be shown in 3 circular.

Person to contact

If you have any problems about short course and conference, please contact the following persons:

Name	E-mail	Tel
Hao Deng	denghao815@cug.edu.cn	18569454838
Zhensheng Wang	jasonwang@cug.edu.cn	13387584541
Dong Fu	DebbieFu@cug.edu.cn	18164050593
Bo Huang	hbyjdg@cug.edu.cn	18062437525

The following contacts are the person who will take in charge of the field trip to Zhanhuang:

Name	E-mail	Tel
Junpeng Wang	wangjp@cug.edu.cn	18971193669
Bingyuan Lan	lanbingyuan001@qq.com	18086492905
Xiawen Li	li.xiawen@qq.com	17783590138
Wenbin Ning	ningwenbin94@qq.com	15827469095

Answer Form for Foreigners

Name		Gender		Post	
Postal Code		Phone/Cell Phone		Nationality	
Fax		E-mail			
Affiliation					
Mailing Address					
Poster Presentation (Yes/No)			Field Excursions (Yes/No)		
Presentation Title					
Abstract					
Entourage					
Accommodation Request					
Remarks					

Please send this to cgt_cug@126.com before July 25th, 2017.

The way to arrive at CUG

Wuhan has one airport (Tianhe airport) and 3 railway stations.

By air:

From Tianhe airport, you can take a taxi to CUG, about 160 RMB.

By train:

From Hankou railway station, you can take second metro line to Guanggu Valley Station, and then take a taxi to CUG. From Wuchang railway station, you can take NO.59 bus to CUG. From Wuhan railway station, you can take NO.643 bus to CUG.