
2018年中国与巴西地质研讨会

2018 SIMPÓSIO ANUAL DE GEOLOGIA BRASIL - CHINA

2018 ANNUAL SYMPOSIUM ON GEOLOGY OF BRAZIL AND CHINA (ASGBC 2018), BEIJING

September 6-17, 2018 (7 Sept: meeting)



State Key Laboratory of Lithospheric Evolution,
Institute of Geology and Geophysics, Chinese Academy of Sciences

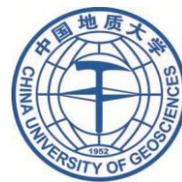
Financial Supported also by

Bureau of International Co-operation, Chinese Academy of Science
Bureau of Frontier Sciences and Education, Chinese Academy of Science

(Advanced Science Key Research Project QYZDB-SSW-DQC04281712250)

National Natural Science Foundation of China

(Project No. 41772192)



Background

Based on a consensus of the organizing committee, the Annual Symposium on Geology of Brazil and China (ASGBC) will be held each year in China and Brazil by turns. The purpose of this symposium is to carry out Precambrian geology comparison between the North China craton and the São Francisco Craton, aiming to a better understanding of the geological evolution of these cratons and the paleogeographic reconstruction of the Columbia and Rodinia supercontinents. Consequently, the 2018 China-Brazil annual minisymposium will be held in China on 6-16 September. It will include a one-day meeting in Beijing (Sept 7, open) and a 9-days-field trip to Shandong-Jiangsu-Anhui region.

Program of the 7 September meeting

8:40-12:10 and 13:30-18:00, 7 Sept, 2018

Lecture Hall, D3 (地3楼二层报告厅), Institute of Geology and Geophysics, Chinese Academy of Sciences, 19 Beitucheng Xilu, Beijing

(Note: 25 min per talk including 18 min presentation and 7 min questions)

8:40-9:00 Opening remarks

Session chair(s): Peng PENG (彭澎)

9:00-10:15 Basement evolution and orogens

Session chair(s): Xixi ZHAO (赵西西), Farid Chemale Junior

Wilson Teixeira Dr/Prof

Institute of Geosciences, University of São Paulo

Presentation title: **Crustal evolution of the Paleoproterozoic Mineiro belt: a global perspective in Columbia**

GUO, Jinghui (郭敬辉) Dr/Prof

Institute of Geology and Geophysics, Chinese Academy of Sciences

Presentation title: **Palaeoproterozoic multiple HP/UHT metamorphism and related magmatism in the Khondalite Belt, North China Craton**

Elson P Oliveira Dr/Prof

Institute of Geosciences, University of Campinas, Brazil

Presentation title: **Correlation between the Palaeoproterozoic Trans-North China Orogen and the Itabuna-Salvador-Curaca Orogen, Brazil: New insights from U-Pb zircon geochronology and Lu-Hf isotopes**

10:15-10:30 Group photo and coffee break

10:30-11:20 Basement evolution and orogens

Session chair(s): Elson P OLIVEIRA; Jinghui GUO (郭敬辉)

Danilo Barbuena Dr/Prof

Federal University of Jequitinhonha and Mucuri Valeys (UFVJM)

Presentation title: **The Archean-Paloproterozoic basement in the Araçuaí orogen**

Eduardo Fontana Dr/Prof

Federal University of Jequitinhonha and Mucuri Valeys (UFVJM)

Presentation title: **Petrogenesis of mafic magmatism in the Araçuaí orogen**

~~~~~  
**11:20-12:10 Sedimentary covers and rift-related magmatism**

**Session chair(s): Elson P OLIVEIRA; Jinghui GUO (郭敬辉)**

**ZHAO, Taiping (赵太平)** Dr/Prof

Guangzhou Institute of Geochemistry, Chinese Academy of Sciences

Presentation title: **Meso-Neoproterozoic strata and magmatism in the southern North China Craton: A Review**

**Farid Chemale Junior** Dr/Prof

UNISINOS University

Presentation title: **Tectonic evolution of the cratonic cover in the São Francisco Craton**

~~~~~  
11:50-13:30 Lunch break

~~~~~  
**13:30-15:10 Sedimentary covers and rift-related magmatism**

**Session chair(s): Luiz Cesar Correa Gomes; Taiping ZHAO (赵太平)**

**Felipe Guadagnin** Dr/Prof

Universidade Federal do Pampa Campus

Presentation title: **Provenance analysis of Paleoproterozoic to Mesoproterozoic sequences in the São Francisco Craton**

**Antônio Jorge Magalhães** Dr/Prof

Instituto Dom Luiz/Universidade De Lisboa

Presentation title: **Workflow on high-resolution sequence stratigraphy and methods applied to outcrops: the example of Precambrian in Brazil**

**TANG, Dongjie (汤冬杰)** Dr

China University of Geosciences (Beijing)

Presentation title: **Iron Formation from 1.4 Ga Xiamaling Formation, North China: Genesis and tectonic implications**

**Matheus Kuchenbecker** Dr/Prof

Federal University of Jequitinhonha and Mucuri Valeys (UFVJM)

Presentation title: **Successive rifting events in the São Francisco-Congo paleocontinent and their records within the Araçuaí orogeny**

-----  
**15:10-15:30 Coffee break**  
-----

**15:30-18:00 Tectonics and beyond**

**Session chair(s): Mingguo ZHAI (翟明国); Wilson Teixeira**

**ZHAO, Xixi (赵西西)** Dr/Prof

School of Ocean and Earth Science, Tongji University

Presentation title: **Preliminary paleomagnetic and rock magnetic results of the 925 Ma mafic dykes from the North China and Brazil: implications for the Neoproterozoic paleogeography of Rodinia**

**XU, HuiRu (徐慧茹)** Dr

Institute of Geophysics and Geomatics, China University of Geosciences (Wuhan)

Presentation title: **New constraints on the paleoposition of the North China Craton within the Nuna Supercontinent from paleomagnetic studies of the 1.78 Ga large igneous province**

**Luiz Cesar Correa Gomes** Dr/Prof

Institute of Geosciences/Federal University of Bahia State

Presentation title: **Mafic Dyke Swarms and Paleontinental Reconstitutions. Positive and Negative Aspects**

**PENG, Peng (彭澎)** Dr/Prof

Institute of Geology and Geophysics, Chinese Academy of Sciences

Presentation title: **The hypothesis of a North China-São Francisco Craton connection before 920 Ma: basics and burning questions**

**DISCUSSION**

- **Session close (18:00)** -