

2024 ANNUAL SYMPOSIUM ON GEOLOGY OF BRAZIL AND CHINA



October 1st 2024
USP-China Center (CDI)
Av. Prof. Lúcio Martins Rodrigues, 310
Block B



08:30-09:00

OPENING SESSION: MARLY BABINSKI, RICARDO TRINDADE AND YONGXIN PAN

09:00-09:30

YONGXIN PAN (CAS-CHINA): GEOMAGNETIC FIELD AND LIFE

09:30-09:50

GELVAM HARTMANN (UNICAMP): THE SOUTH ATLANTIC MAGNETIC ANOMALY OVER MILLIONS OF YEARS TIMESCALE

09:50-10:20

FRANCISCO WILLIAM DA CRUZ JR. (USP): THE BRAZILIAN-CHINESE COLLABORATION ON THE STUDY OF PALEOMONSOON BASED ON GEOCHEMISTRY OF SPELEOTHEMS

10:20-10:40

COFFEE BREAK

10:40-11:10

PENG PENG (CAS-CHINA): GEOLOGICAL COMPARISON OF BRAZILIAN AND CHINESE CRATONS: SCIENTIFIC FRONTIERS

11:10-10:40

ELSON PAIVA DE OLIVEIRA (UNICAMP): WHAT WE KNOW ABOUT THE OLDEST EOARCHEAN-PALEOARCHEAN GNEISSES OF THE SÃO FRANCISCO CRATON, BRAZIL

11:40-12:00

CHONG WANG (CAS-CHINA): PALEOCONTINENT RECONSTRUCTION ON NORTH CHINA AND SOUTH AMERICAN CRATONS BASED ON LIP AND PALEOMAGNETISM IN PRECAMBRIAN

12:00-13:30

LUNCH

13:30-13:50

LUIZ CESAR CORREA GOMES (UFBA): DEEP CRUSTAL STRUCTURE OF A STRETCHED CRATON ON A CONTINENTAL MARGIN, NE BRAZIL

13:50-14:10

GEORGE SAND FRANÇA (USP): UNRAVELING PRECAMBRIAN CRATONIC ROOTS BENEATH SOUTH AMERICA: A CONTRIBUTION FROM SURFACE WAVE TOMOGRAPHY

14:10-14:30

YANYAN ZHOU (CAS-CHINA): LOW $\delta^{18}O$ AND $\delta^{30}Si$ TTG AT CA. 2.3 GA HINTS AT AN INTRAPLATE RIFTING ONSET OF THE PALEOPROTEROZOIC SUPERCONTINENT CYCLE

14:30-15:00

FARID CHEMALE JUNIOR (UNISINOS): INSIGHTS INTO TECTONIC EVOLUTION OF BASEMENT OF THE MALVINAS/FALKLAND, MAURICE EWING BANK, AND AGULHAS PLATEAU

15:00-15:20

COFFEE BREAK

15:20-15:50

HOUNGRUI FAN (CAS-CHINA): THE GIANT BAYAN OBO REE-NB-FE DEPOSIT (CHINA): ORE GENESIS AND RESOURCE POTENTIAL

15:50-16:10

KUIFENG YANG (CAS-CHINA): EVOLUTION OF CARBONATITIC MAGMA AND REE ENRICHMENT PROCESS IN BAYAN OBO, CHINA

16:10-16:30

ANDRE OLIVEIRA SAWAKUCHI (USP): TRANS-AMAZON DRILLING PROJECT: ORIGIN AND EVOLUTION OF THE FORESTS, CLIMATE AND HYDROLOGY OF THE SOUTH AMERICAN TROPIC

16:30-17:00

RICARDO TRINDADE (USP): SOUTHERN HEMISPHERE ARCHEOMAGNETIC AND RECENT PALEOMAGNETIC FIELD: PERSPECTIVES AND OPPORTUNITIES FOR COLLABORATION