



Second International Workshop on
Tethyan Orogenesis and Metallogeny in Asia
(IWTOMA)
and Silk Road Higher Education Cooperation
Forum
Third Circular

Friday, 16 October –Sunday, 18 October, 2015

China University of Geosciences (CUG), Wuhan, China

www.iwtoma.org

ACCOMMODATION

New Beacon Luguang International Hotel (纽宾凯鲁广国际酒店, outside the CUG campus). Address: 38Minyuan Road, East Lake High-Tech Development Zone, Wuhan. Tel: +86-(0)27-59361111

CONFERENCE VENUE (CUG Campus)

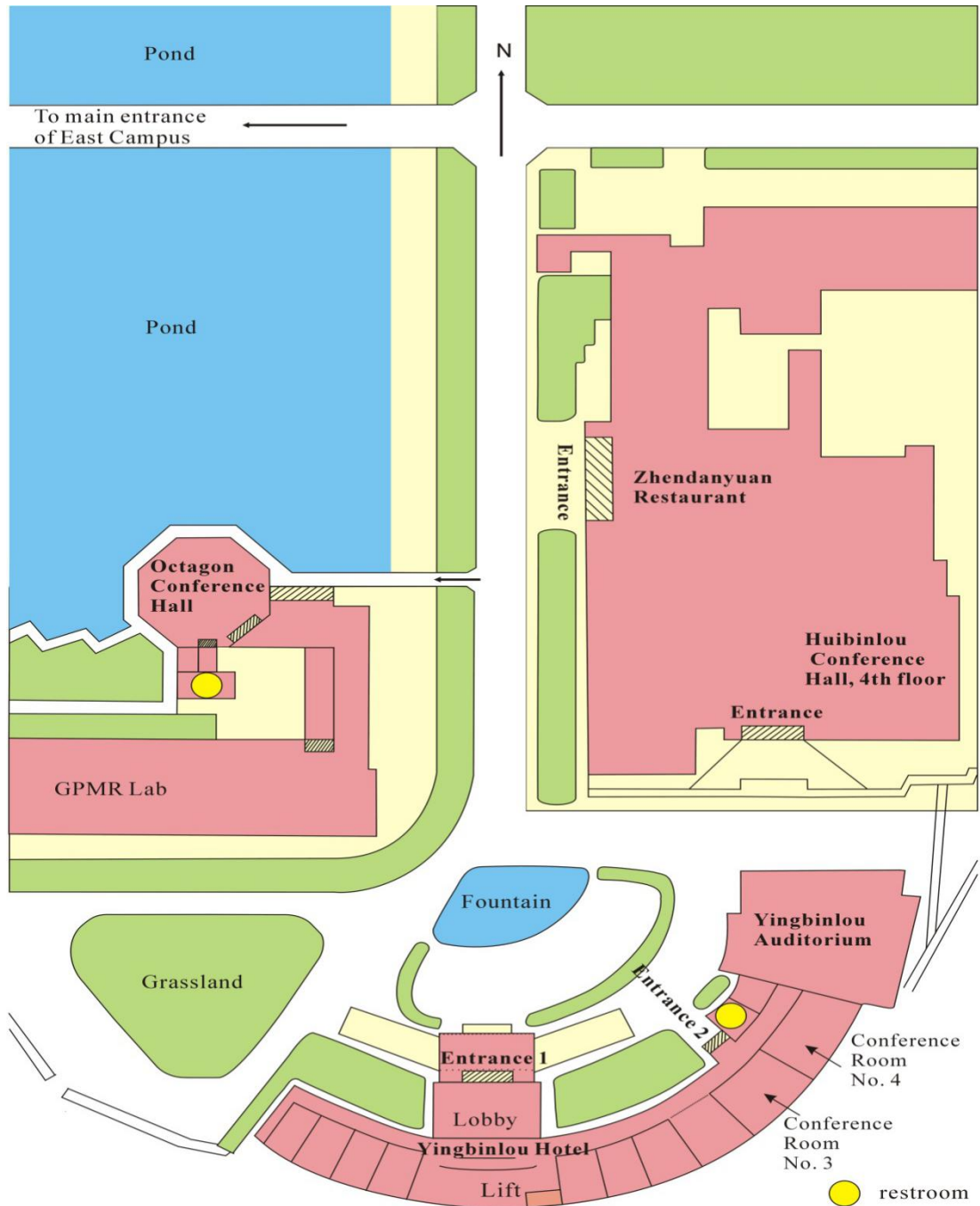




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WELCOME

Dear Participants:

Welcome to the **2nd International Workshop on Tethyan Orogenesis and Metallogeny in Asia (IWTOMA) and Silk Road Higher Education Cooperation Forum!**

In 2013 Chinese President Xi Jinping proposed to build a “**Silk Road Economic Belt**” and “**21st Century Maritime Silk Road**”, calling for in-depth cooperation in all fields among countries along “**one belt and one road**” (**OBAOR**), in order to strengthen economic ties and expand regional cooperation among countries in Asia and Europe. We have organized this workshop in response to President Xi’s proposal to investigate possibilities for such cooperation in the Earth Sciences among countries in the Tethyan domain. Needless to say, cooperation among countries and institutions will be the focus and major aim of our workshop.

The 1st International Workshop on Tethyan Orogenesis and Metallogeny in Asia (IWTOMA) and Cooperation among Institutions of Higher Education was held in China University of Geosciences, Wuhan, on October 12-16, 2014. Nearly 90 academic researchers, administrators and students from higher education institutions in 15 countries participated. Delegates at IWTOMA 2014 were treated to a fascinating selection of talks from some of the world’s leading geology experts and also from presidents and deans from world-famous universities.

This year’s workshop is scheduled to run from October 16, 2015 to October 21, 2015. The first 3 days will include a Pre-Conference excursion, invited keynote speeches, oral and poster presentations; the remaining 3 days include a post-conference tour and other activities. We thank all Conveners and the Scientific Committee for having devised a very interesting program and hope you will enjoy and benefit from these academic discussions and excursions.

We are looking forward to welcoming all of you to China University of Geosciences (CUG), Wuhan!

IWTOMA Organizing Committee



IWTOMA 2015, Wuhan, China

IWTOMA2015 ORGANIZATION AND CONTACT PERSON

Sponsors

China University of Geosciences (CUG), Wuhan.

State Key Laboratory of Geological Processes and Mineral Resources, CUG, Wuhan.

State Key Laboratory of Continental Tectonics and Dynamics, CAGS, Beijing.

National Natural Science Foundation of China

Wuhan Center, China Geological Survey

Organizers

Silk Road Institute and International Education College, CUG, Wuhan

International Research Center for Geology and Resources along the Silk Roads

World Young Earth Scientists (YES) Network

Center for Global Tectonics, CUG, Wuhan

Chair of the Committee for Higher Education Cooperation Forum

Prof . Yanxin Wang

Chair of the Committee for Earth Science Themes

Prof . Jingsui Yang

Chair of the Organizing Committee

Prof . Changqian Ma

Email: cqma@cug.edu.cn

Secretariat

Miss. Hui Wang, Email: IWTOMA@cug.edu.cn; Mobile: +008613797046080

Motto

科教联通丝路，教育引领未来

Science and Education connect along the Silk Road, Youth leads to the future



GENERAL INFORMATION

Registration and Registration Fees

On-site registration will take place in the lobby of the New Beacon Luguang International Hotel Wuhan where most delegates will be accommodated. The hotel is located at No. 38 Minyuan Road, East Lake Hi-tech Development Zone, only 15 minutes drive from the campus of China University of Geosciences.

The Registration & Help Desk will be open during the following times:

Friday 16th Oct.2015 7:00-12:00am, and 14:00-20:00 pm

Saturday 17th Oct.2015 7:00-12:00am, and 14:00-20:00 pm

At any other times, registration will be available in the New Beacon Luguang International Hotel Wuhan or contact Miss Hui Wang, via mobile : +008613797046080).

Full payment at the site is required for registration. Fees will be charged according to the following price list.

| Category | Pre-conference Excursion | Registration Fee | Post-conference excursion |
|--|-----------------------------|------------------|------------------------------|
| Early Bird (Before Sept.15.) | US\$50 (300RMB) | \$350 (2100 RMB) | \$300 (1800 RMB) |
| Standard Registration (After Sept.15 or on site) | US\$50 (300RMB) | \$450 (2700 RMB) | \$400 (2400 RMB) |
| Student/accompanying person | US\$30 (180 RMB) | \$200 (1200RMB) | \$300 (1800 RMB) |

Accommodation

We have booked rooms for our guests at the **New Beacon Luguang International Hotel** (纽宾凯鲁广国际酒店, outside the CUG campus: Address 38 Minyuan Road, East Lake High-Tech Development Zone, Wuhan, tel:+ 86-(0)27-59361111) for US\$80(480 RMB)/day for a single room, and US\$60(360RMB)/day for a twin bed room. You can visit the hotel website at <http://www.newbeaconluguang.com/> for detailed information about accommodation, or contact Miss Hui Wang, Email: IWTOMA@cug.edu.cn; mobile: +008613797046080.

The New Beacon Luguang International Hotel is only 2.5 kilometers from the conference venue on the campus of China University of Geosciences, and a free shuttle bus will be running every day during the conference between the hotel and the campus to pick up and return delegates.



Food and Beverages

Breakfast will be provided by the New Beacon Luguang International Hotel for delegates who are accommodated there. Lunch and dinner buffet will be offered during the meeting in the Zhendanyuan Restaurant close to the conference venue (see map), and tea/coffee will be served outside the conference room.

All food served during the conference will be **halal**.

Breakfast: 6:30-8:30AM Buffet lunch: 12:00-13:30PM Dinner: 18:00-20:00PM

Note: Your will need to display your name badge as a pass to enter the restaurants. Persons without a name badge will not be admitted.

Venues

Most conference sessions will be held at the Yingbinlou Hotel which is located inside the east campus of CUG (see map). It is next to the Zhendanyuan Restaurant and Octagon Conference Hall. The Yingbinlou Auditorium will be used as the venue for the opening ceremony and the Yingbinlou Conference Rooms No. 3 and No. 4 next to the Auditorium will be the venues for the two-day academic sessions.

The session “Granites and associated metallogenic systems” will be held at the Wuhan Center of China Geological Survey for the whole day on October 18th.

Language

The official language of this workshop is English.

Pre and Post- Conference excursion

Pre- and post- conference excursions are offered for interested participants. Please register for these excursions at the Registration Desk and pay your excursion fees then. You can visit website: www.iwtoma.org for further information.

Oral and Poster Presentations

Academic reports may be presented orally or on posters. Each oral presentation will last 20 minutes, including 5 minutes for discussion. Keynote reports will be given in parallel plenary sessions; keynote presentation will last 30 minutes including 10 minutes for discussion. Panels for the poster presentations must be 0.9 meter wide and 1.2 meters long.



Powerpoint files should be provided before the meeting for plenary lectures and oral presentations. You can choose to provide your Powerpoint to the conference via USB, or send it to IWTOMA@cug.edu.cn.

Best conference paper and poster award

The session conveners will organize a competition for the best paper given at the conference.

1. The conveners will appoint a panel to nominate candidates for the Best Paper Award and submit a written list for consideration to the conference secretariat at the end of the session.

2. Session conveners will submit written recommendations for each prize nomination.

3. One paper in each session will normally be nominated for the Best Paper Award, but two papers may be accepted in special circumstances.

4. Papers nominated for presentation awards must have been accompanied by an oral presentation to the Conference, the written paper must be of high quality and the oral presentation must have been clearly delivered.

5. Session conveners will nominate one or two posters from the display boards for poster awards.



PROGRAM OVERVIEW

| Date | Time | Activity | Location |
|-----------------------|--|---|--|
| 16th Oct. | All day | Registration | New Beacon Luguang International Hotel |
| | 13:30P.M.-17:30P.M | Pre-conference excursion | Departure from Hotel at 13:30 |
| | 18:00P.M.-19:30P.M. | Icebreaker party | New Beacon Luguang International Hotel |
| 17th Oct. | 7:20 A.M. | Depart from Hotel | Hotel Front Entrance |
| | 8:00 A.M.-9:30A.M. | Opening ceremony | Yingbinlou Auditorium, CUG |
| | 9:40A.M.-12:10 A.M. | Plenary Session I | Dangui Building, CUG |
| | 9:40A.M.-12:10 A.M. | Plenary Session II | Yingbinlou Auditorium, CUG |
| | 9:40A.M.-17:50P.M. | Post session | Lobby of Yingbinlou Hotel |
| | 12:10A.M.-13:30 P.M. | Lunch | Zhendanyuan Restaurant, CUG |
| | 13:30P.M.-17:50P.M. | Session I | Yingbinlou Conference Room No.3, CUG |
| | | Session II | Yingbinlou Conference Room No.4, CUG |
| | | Session III | Octagon Conference Hall, CUG |
| | | Session IV | CUG West Campus, CUG |
| | 17:50P.M.-18:45P.M. | Dinner | Zhendanyuan Restaurant, CUG |
| 19:00-20:30 P.M. | International Culture Exchange Performance | Music Hall of School of Arts and Communication, CUG | |
| 18th Oct. | 8:10A.M.-17:30 P.M. (Departure at 7:20) | Session V | Wuhan Center, China Geological Survey |
| | 8:00A.M.-11:50A.M. (Departure at 7:20) | Session VI | Yingbinlou Conference Room No.3, CUG |
| | | Session VII | Yingbinlou Conference Room No.4, CUG |
| | 12:00A.M.-13:30P.M | Lunch | Zhendanyuan Restaurant, CUG |
| | 13:30P.M.-17:30 P.M. | Session VIII | Yingbinlou Conference Room No.3, CUG |
| | 13:30P.M.-18:00 P.M. | Session IX | Yingbinlou Conference Room No.4, CUG |
| 18:30P.M.-20:00P.M. | Dinner | New Beacon Luguang International Hotel | |
| 19th -21th Oct. | Post- conference field excursions 07:20 19th Oct: Depart from New Beacon Luguang International Hotel to Huangshi City 17:30 21th Oct: Return to New Beacon Luguang International Hotel, Wuhan City | | |



IWTOMA 2015, Wuhan, China

DAILY SCHEDULE

Friday: 16th October

Registration and Pre-Conference excursion

Place for Registration: New Beacon Luguang International Hote (纽宾凯鲁广国际酒店, outside CUG campus).

Add: 38Minyuan Road, East Lake High-Tech Development Zone, Wuhan.

Tel: +86-(0)27-59361111

Mobile: 13871519549 (Miss Shu)

Pre-Conference excursion

Time: 13:30, depart from outside the Hotel.

Activity: City tour.

SATURDAY: 17th October



| Time Period | Activities | | | Location |
|--|---|--|---|--|
| Opening Ceremony Chair: Fang Hao (Vice President of CUG, Wuhan) | | | | |
| 7:20 | <u>Depart from the Hotel</u> | | | Hotel Front Door |
| 8:00-9:30 | Opening Remarks by Yanxin Wang , President of CUG, Wuhan | | | Yingbinlou Auditorium, CUG |
| | Address by representative from Department of Earth Sciences, NSFC | | | |
| | Address by Muhammad Anis, M.Met , Rector of Universitas Indonesia | | | |
| | Address by Meng Wang , President of the World Young Earth Scientists Network (YES) | | | |
| | Address by Sakkie Pretorius , Deputy Vice Chancellor (Research) at Macquarie University, Australia | | | |
| | Signing Ceremony of MOU among institutions | | | |
| Group Photos | | | | |
| Plenary Session I (Presidents of universities, Youth Leaders and others) | | | | |
| 9:40-12:10 | Opening Ceremony of the New Building for the Silk Roads Institute Discussion between Prof. Wang and Universities' Presidents | | | Dangui Building and Octagon Conference Hall, CUG |
| Plenary Session II (Geoscientists) Chairs: Aral I. Okay, Julian Pearce and Guowei Zhang | | | | |
| 9:40 -10: 10 | Walter Mooney | U.S Geological Survey | The Tethyan Orogeny: One Hundred and Twenty Years of Scientific Progress | Yingbinlou Auditorium, CUG |
| 10:10 -10:40 | Wenjiao Xiao | Institute of Geology and Geophysics, CAS | A tale of amalgamation of three collage systems in the Permian-middle Triassic in central-east Asia: oroclinal sutures and terminal accretion | |
| 10:40-11:10 | Jeremy P. Richards | University of Alberta | Tectonics and Metallogeny of the Tethyan Orogen | |
| 11:10-11:40 | D. Chandrasekharam | Indian Institute of Technology, Bombay | Infrastructural development along the Silk Route through Enhanced Geothermal Systems technology: Bridging the east and west through geothermal power | |
| 11:40-12:10 | Bor-ming Jahn | National Taiwan University | Mesozoic to Early Cenozoic Granitoids of the Sikhote-Alin Orogenic Belt, Russian Far East: Generation, Crustal Growth and Regional Tectonic Significance | |



| SESSION I : Metallogensis of Eastern Tethys Conference Room No.3, CUG,13:30-17:50, 17thOctober Chairs: Zengqian Hou, Jeremy P. Richards and Guoneng Chen (with IGCP-600) | | |
|--|------------------------------|---|
| Time Period | Speaker | Topic |
| 13:30-14:00 | Fardin Mousivand | Tethyan Orogenesis and Metallogeny of Volcanogenic Massive Sulfide deposits in Iran |
| 14:00-14:30 | Rehan Ul Haq Siddiqui | Tectonic framework, Metallogenic Zonation and Mineral Potential of Pakistan |
| 14:30-15:00 | Sakiev K | Lower Precambrian of Tian Shan (Kyrgyzstan) |
| 15:00-15:20 | Xuyang Meng | Tectonic-magmatic model of the Triassic Yangla felsic system, Sanjiang Tethyan orogenic belt |
| 15:20-15:30 | Tea Break | |
| 15:30-16:00 | Ladislav Palinkas | Metallogeny of the Northwestern and Central Dinarides in the frame of the Tethyan Wilson cycle |
| 16:00-16:30 | Ivleva E.A. | Metallogeny of gold in Kyrgyzstan |
| 16:30-16:50 | Shuo Yin | Nb-Ta fractionation in hydrothermal magnetite |
| 16:50-17:10 | Yafei Wu | The Triassic Daqiao sediment-hosted gold deposit in the West Qinling orogen, China |
| 17:10-17:40 | Guoneng Chen | Ionic texture of ore-forming elements and their behavior during granite mineralization |
| 17:40-17:50 | Group discussion | |

Bold=Keynote speaker



| SESSION II: Tethyan Ophiolites: Genesis, Paleogeographic/Paleotectonic Implications Conference Room No.4, CUG,13:30-17:50, 17th October Chairs: Julian Pearce, Jingsui Yang and Paul T. Robinson (with IGCP-649) | | |
|--|-------------------------|---|
| Time Period | Speaker | Topic |
| 13:30-14:00 | Julian Pearce | Drilling the Potential Birthplaces of Tethyan Ophiolites: New Results from the Izu-Bonin-Mariana Forearc |
| 14:00-14:30 | Osman Parlak | Tethyan Ophiolites of Turkey |
| 14:30-14:50 | Dongyang Lian | Diamonds and Moissanite from the Pozanti-Karsanti Ophiolite of the Eastern Tauride belt, southern Turkey: A first report |
| 14:50-15:10 | Gaoxue Yang | OIB-type basalts within West Junggar ophiolitic mélanges |
| 15:10-15:30 | Tea Break | |
| 15:30-16:00 | Jingsui Yang | Mineral inclusions in ophiolite-hosted diamonds |
| 16:00-16:30 | Ruyuan Zhang | Discovery of in situ super-reducing, ultrahigh-pressure phases in the Luobusa ophiolitic chromitites, Tibet: New insight into the mantle transition zone |
| 16:30-17:00 | Hassan Mirnejad | The origin of ophiolite-hosted magnesite deposits in Iran |
| 17:00-17:30 | Paul T. Robinson | The Troodos Massif of Cyprus – The Basis For The Penrose Ophiolite Definition |
| 17:30-17:50 | Group discussion | |

Bold=Keynote speaker



| POSTER SESSION Lobby of Yingbinglou Hotel, CUG, 9:40-17:50, 17th October | |
|--|--|
| Authors | Titles |
| Dongyang Yuan, Dewei Li, Demin Liu, Qi Chen, Ping Zeng | Geochronology and petrogenesis of mafic dikes in the Guandi Complex, Zhoukoudian area and its Geological Significance |
| Jing Zhou, Zilong Li, Jian-Ren Mao | Geochronology, Sr-Nd isotope and Geochemistry of Mesozoic granitoids in northwest Zhejiang Province, South China Implications for lithosphere extension |
| Kabir Shola Ahmed and H.A. Ahmed | Basin subsidence and evolution re-evaluation of shelf area of northern margin of south china sea (a case study of huizhou sag) |
| Lianggai Yang, Zhenbin She | The geothermomter study of carbonaceous material in metasedimentary by Raman spectrum |
| Liu Changfeng , Yang Xin, Song Zhijie, Xia Yang, Wu Chen, Zhou Zhiguang, Liu Wencan | Disintegration and Age of “ Tuolai Complex-Group ”in the West Segment of Central Qilian Block and Its Implication |
| Tao Wu, Long Xiao, Simon A. Wilde, Changqian Ma, Yi Sun, Qiongyao Zhan, Zilong Li | Zircon U-Pb age and Sr-Nd-Hf isotope geochemistry of the Ganluogou dioritic complex in the northern Triassic Yidun arc belt, Eastern Tibetan Plateau: Implications for the closure of the Garzê-Litang Ocean |
| Wu Weiwei, Yang Jingsui, Chen Songyong, Lian Dongyang, Liu Fei, Zhang Cai, Zhao Yijue And Wu Yong | Petrology, Geochemistry and Geochronology of Gabbros from the Shiquanhe Ophiolitic Mélange, Western Tibet: Implications for an Intra-Oceanic Subduction Zone within the Neo-Tethyan Ocean |
| Yabei Wang, Tongli Cao | Provenance Analysis and Structure Significance of Mesozoic Sedimentary Rocks in Moqinwula Mountain in Xinjiang |
| Zakiullah Kalwar, Sarfraz Hussain Solangi and Shabeer Ahmed Abbasi | Study of Structural Styles and Hydrocarbon Potential of Rajan Pur Area, Middle Indus Basin, Pakistan |
| Zhang Li, Yang Jingsui, Liu Fei, Lian Dongyang, Zhao Hui, Huang Jian And Yang Yan | Composition characteristics and tectonic setting of the Gongzhucuo peridotite in the western Yarlung—Zangbo ophiolitic belt |
| Zou Siyuan, Li Zilong, Atsushi Kamei | Geochronology, petrology and geochemistry of Bashisuogong intrusions Implications for magmatic evolution of Tarim LIP |
| Panels for poster presentation should not be more than 0.9 meter wide and 1.2 meters long | |



| SESSION III: Presidential Forum 13:30-17:50, 17th October | | | | |
|---|---|--|---|------------------------|
| Time Period | Chair: Yanxin Wang, President of CUG Octagon Conference Hall, CUG | | | |
| | Speaker | Topic | Institution | Position |
| 13:30-17:50 17 th October | Maralbaev Akylbek | Pathways for International Student Exchange and Mutual Recognition of Credit | Institute of Mining and Mining Technologies | Director |
| | Mohammad Taghi Ahmadi | Multicultural Education Policy and Practice | Tarbiat Modares University | President |
| | Robyn McGuiggan | Cross-Border Education Quality Assurance | James Cook University | Deputy Vice Chancellor |
| | Agung Efriyo Hadi | Mechanisms and Training Systems for Student Exchanges between Universities. | Abulyatama University | Rector |
| | Wahyu Dani Purwanto | Multicultural Education Policy and Practice | Malahayati University | Vice Rector |
| | Jionghui Wang | Analyzes on the Global Mining Development Status | China Minmetals Corporation | Assistant President |
| | Mahmoud Oukati Sadegh | Mechanisms and Training Systems for Student Exchanges between Universities | University of Zabol | President |
| | Muhammad Anis, M.Met | Multicultural Education Policy and Practice. | Universitas Indonesia | Rector |
| | Wenjia Yu | Development Trend of China's Mining Industry and "the Belt and Road" Strategic Opportunities | Department of Science and Technology, CAGS | Vice Section Chief |
| | Others and group discussion | | | |
| 19:00-20:30 17 th October | International Culture Exchange Performance in Music Hall of School of Arts and Communication, CUG | | | |
| 18 th October | City tour (8:30, Departure from Hotel), Lunch (12:00-13:30, Zhendanyuan Restaurant, CUG) Campus visit 13:30, Departure from Zhendanyuan Restaurant, CUG) | | | |

| SESSION IV: Silk Road Young Leaders Forum (SRYLF) | | | | | |
|--|-------------|--|---|---|---------------------|
| Chairs: Mei Long, Meng Wang, Xiao Hu, Hui Cao, Jianbang Pan, and Fulong Ning | | | | | |
| Date | Time | Event | Place | Participants | |
| 17 th October | 13:30-14:30 | SRYLF Opening Ceremony | Room No.301, Faculty of Mechanical & Electronic Information,CUG | Youth representatives | |
| | | Addresses: | | | |
| | | Hao Xiang, Secretary of the Party committee | | | |
| | | Professor Eduardo de Mulder, director-general of Earth Sciences Matters, IYPE | | | |
| | | Representative of World Young Earth Scientists (YES) Network | | | |
| | | | Pan Jianbang, President of CUG student Union | | |
| | | 14:45-17:45 | SRYLF & 2015 Annual conference of the YES Chinese Committee | The assembly at Room No.301 of Faculty of Mechanical & Electronic Information,CUG | Young Geoscientists |
| | | 17:45-18:30 | Dinner | Zhendanyuan Restaurant,CUG | |
| | | 19:00-20:30 | International Culture Exchange Performance | Music Hall of School of Arts and Communication, CUG | |
| | | 14:45-15:45 | Ice Breaking Communication | Learning Support Center | Student leaders |
| | 15:45-18:00 | Student Leaders Summit Panel Discussion | | | |
| | 18:00-19:00 | Dinner | | | |
| | 19:30-21:30 | Student Leaders Summit Panel Discussion | | | |
| 18 th October | 09:00-11:00 | International Geosciences Talent Training Forum- Interactive communication activities for study abroad | The assembly at Room No.301 of Faculty of Mechanical & Electronic Information,CUG | Young Geoscientists | |
| | 13:30-17:30 | Visit the High-tech Park , Optical Valley | | | |



IWTOMA 2015, Wuhan, China

| | | | |
|-------------|---|---|-----------------|
| 08:30-10:00 | Panel Display | Second floor , College students' activity center,CUG | Student leaders |
| 10:00-11:40 | Campus tour | On campus | |
| 13:45-17:30 | Visit Hubei Provincial Museum | Hubei Provincial Museum | |
| 12:00-13:30 | Lunch | Zhendanyuan Restaurant,CUG | all |
| 18:00-19:30 | Dinner | New Beacon Hotel | |
| 19:30-21:00 | National Cultural Exchange Farewell Party | The second floor of College students' activity center,CUG | |

SUNDAY: 18th October

| SESSION V : Granites and associated metallogenetic systems Wuhan Center, China Geological Survey, 7:20-17:30, 18th October Chairs: Bin Chen, Greg Shellnutt, Jianwei Li and Meifu Zhou | | |
|--|--|---|
| Time Period | Speaker | Topic |
| 7:20 | Departure from Hotel | |
| 8:10 | Arrive Wuhan Center of China Geological Survey | |
| 8:10-8:30 | Welcome address by Prof. Yao Huazhou, Director of Wuhan Center | |
| 8:30- 9:00 | Julian Pearce | Trace Elements in Granites: Indicators of Tectonic Setting and Mineralization Potential |
| 9:00-9:30 | Greg Shellnutt | Peralkaline silicic rocks as indicators of ore deposits: examples from SW China, S Alaska and Lake Chad |
| 9:30-10:00 | Huaning Qiu | Mineralization ages obtained by 40Ar/39Ar dating of fluid inclusions |
| 10:00-10:20 | Tea Break | |
| 10:20-10:50 | Muhammad Tahir Shah | Present and Future Prospects of Mineral Resources of Pakistan in the context of its Tectonic Framework |
| 10:50-11:20 | Zilong Li | Magmatism and mineralization comparison among the Siberian, Emeishan and Tarim Permian Large Igneous Provinces in Asia |
| 11:20-11:40 | Zhiqiang Wang | Petrogenesis of Late Mesozoic Qitianling composite plutons from the Nanling Range: Implications for tungsten and tin mineralization |
| 11:40-12:00 | Fatemeh Sepidbar | Geology and geochemistry of the Sangan magmatic rocks, NE Iran |
| 12:00-13:30 | Lunch | |
| 13:30-14:00 | Dicheng Zhu | The generation of collision zone magmatism: Examples from Tibet |
| 14:00-14:30 | Wei Chen | The relationship between carbonatites and their associated silicaterocks: implications for a deep carbon cycle |
| 14:30-15:00 | Qiang Wang | Pliocene–Quaternary crustal melting in central and northern Tibet: new insights into crustal flow and plateau growth |
| 15:00-15:20 | Tea Break | |
| 15:20-15:50 | Fang Huang | Non-traditional stable isotope geochemistry of granites |
| 15:50-16:10 | Keke Sun | Trace elements and Sr-Nd isotopes of scheelite: Implications for the W-Cu-Mo polymetallic mineralization of the Dahutang deposit, South China |
| 16:10-16:40 | Majid Ghaderi | Tectono-magmatic evolution and gold deposit types in western Iran |
| 16:40-17:10 | Jianwei Li | Rare earth element mineralization in an Fe-Cu skarn deposit |
| 17:10-17:30 | Group discussion | |
| 17:30 | Return to Hotel | |

Bold=Keynote speaker



| SESSION VI: Geology and Metallogeny of central Asia, Conference Room No.3,CUG , 8:00-11:50, 18thOctober Chairs: Yongfeng Zhu, Tao Wang, Yitian Wang and Inna Safonova (With IGCP592) | | |
|---|--------------------------|---|
| Time Period | Speaker | Topic |
| 8:00-8:30 | Tao Wang | Outline of the spatial–temporal evolution of Mesozoic granitoid magmatismsof Asia, focused on the Central Asia Orogenic Belt |
| 8:30-9:00 | Bo Wang | Kangguer - Huangshan mega-Shear Zone and syn-kinematic intrusive complex: implications for the Late Paleozoic Tectonic evolution of the eastern Chinese north Tianshan, Central Asia |
| 9:00-9:30 | Xuanhua Chen | Late Paleozoic Crustal Growth and Metallogenic Evolution in the Balkhash Metallogenic Belt, Kazakhstan |
| 9:30-10:00 | Inna Safonova | Continental Construction in the Central Asian Orogenic Belt: evaluation of juvenile versus recycled crust and identification of Pacific-type orogenic belts |
| 10:00-10:10 | Tea Break | |
| 10:10-10:40 | Yitian Wang | A Large-scale Strike-slip Shear System for Gold and Copper-Nickel Mineralization in Late Paleozoic in North Xinjiang, Northwest China |
| 10:40-11:10 | Akramiddin Umarov | Gold-telluride deposits of Samarchuk mineralogy, geochemistry and paragenesis of minerals in the Chatkal-Kurama mountains, Tyan-Shan |
| 11:10-11:30 | Gongjian Tang | Non-uniform crustal growth in accretionary orogens: evidence from the Central Asian Orogenic Belt, NW China |
| 11:30-12:00 | Yongfeng Zhu | Classification of the core part of the central Asian metallogenic region (CAMR) |
| 12:00-12:10 | Group Discussion | |

Bold=Keynote speaker



SESSION VII: Tethyan Tectonics and Earthquakes
Conference Room No.4, CUG, 8:00-11:50, 18th October
Chairs: Timothy Kusky, Alexey Zavyalov and Zuoxun Zeng

| Time Period | Speaker | Topic |
|--------------------|-------------------------|---|
| 8:00-8:30 | Timothy Kusky | Interaction of flexural bulge migration associated with the Arabian-Makran collision and eustatic sea level changes from analysis of Tertiary and Quaternary marine terraces and planation surfaces of northern Oman |
| 8:30-9:00 | Fardin Mousivand | Tectonic setting of the Bande Qichi volcanic-exhalative manganese-celestine deposit, south of Shahrood, north east of Iran |
| 9:00-9:30 | Alexey Zavyalov | Map of Expected Earthquakes Algorithm (MEE) for the Koyna-Warna Region: First Result |
| 9:30-10:00 | Yanhua Wang | Abnormal Temperature Before and After Earthquake Using MODIS Data |
| 10:00-10:20 | Tea Break | |
| 10:20-10:50 | Kangli Chen | Using satellite images to predict earthquakes |
| 10:50-11:20 | Alexey Zavyalov | On new Properties of Aftershock's Flow of Strong Earthquakes |
| 11:20-11:50 | Zuoxun Zeng | Progress in Earthquake Prediction: Theory, Method and Practice |
| 11:50-12:10 | Group Discussion | |

Bold=Keynote speaker



SESSION VIII: Metamorphism and Tethyan Evolution
Conference Room No.3, CUG, 13:30-17:30, 18th October
Chairs: Roger Mason, Chunjing Wei and Aral I. Okay

| Time Period | Speaker | Topic |
|--------------------|------------------------------|---|
| 13:30-14:00 | Chunjing Wei | Metamorphic evolution and trace element behaviors of HP and UHP eclogites from South Tianshan, NW China |
| 14:00-14:30 | Aral I. Okay | Metamorphism in active and passive Tethyan margins – examples from Anatolia |
| 14:30-15:00 | Nikolay Pak | Models of metasomatic zoning of large gold deposits in Kyrgyzstan |
| 15:00-15:30 | Cong Zhang | Petrological and geochronological studies on eclogite and its country rock schists in the Sumdo area, Tibet, China |
| 15:30-15:50 | Tea Break | |
| 15:50-16:20 | Rehan Ul Haq Siddiqui | Petrogenesis of Middle Triassic volcanoclastic rocks from Balochistan, Pakistan: Implications for the break-up of Gondwana |
| 16:20-16:50 | Roger Mason | Metamorphic Petrology: need for a paradigm shift |
| 16:50-17:30 | Group discussion | |

Bold=Keynote speaker

| SESSION IX: Geothermal, Water and Petroleum Resources along the Silk Roads Conference Room No.4, CUG, 13:30-18:00, 18th October Chairs: Shihua Qi, Qinghai Guo, D. Chandrasekharam, Qinglai Feng and Honghan Chen | | |
|---|---------------------------|--|
| Time Period | Speaker | Topic |
| 13:30-14:00 | Kriangkrai Trisarn | Evaluation of Small Gas fields in Northeastern Thailand for NGV |
| 14:00-14:30 | Xiaoli Qin | Diagenetic albitization in a Yanchang Formation reservoir, Ordos Basin (NW China) recorded by rare earth elements and laser Raman spectroscopy |
| 14:30-14:50 | Shabeer Ahmed | Study of structural styles and their hydrocarbon potential in the southern Sindh monocline, Pakistan with the integration of seismic and well data |
| 14:50-15:20 | Sheikh Saeed Ahmad | Impact of Geological Hazards on Water Resources in Pakistan: A Review |
| 15:20-15:40 | Bantita Terakulsatit | Distribution of Groundwater Quality in Nakhon Ratchasima Province, Northeastern Thailand by Using GIS |
| 15:40-16:00 | Tea Break | |
| 16:00-16:30 | Zulfiqar Ahmad | Climate change impacts on Chitral Kabul trans-boundary rivers, northern Pakistan |
| 16:30-16:50 | Yawar Hussain | Assessment of aquifer vulnerability to surface contaminants using GIS: A case study in the d Kot Addu istrict, Pakistan |
| 16:50-17:10 | Fangyiming Xu | Geochemistry of thermal waters in the Xinzhou and Shenzao geothermal fields, Guangdong Province, China |
| 17:10-17:30 | Ketao Yan | Groundwater Micro-Dynamics Near Deep Faults and its Relationship With Solid Tides |
| 17:30-18:00 | Qinghai Guo | Towards understanding the puzzling lack of acid geothermal springs in Tibet, China |

Bold=Keynote speaker

MONDAY-WEDNESDAY: 19th -21st October

Post-conference excursion

The Dabie Mountains in the northeast part of Hubei Province are famous for Triassic ultrahigh-pressure (UHP) metamorphism, widespread occurrence of Cretaceous granitoids and their volcanic equivalents, and the world's second largest molybdenum belt. In this field trip, we will focus on typical geological structural deformation, ultra-high-pressure metamorphic rocks, and ophiolitic mélangé, and we will visit the Huangshi National Mining Park and the Mulan National Geopark.

More detailed information regarding the trip will be available in the guidebook now being prepared.

Trip leaders:

Prof. Zuoxun Zeng (China University of Geosciences, Wuhan, China)

Prof. Lianhong Peng (Wuhan Center of China Geological Survey)

Prof. Lu Wang (China University of Geosciences, Wuhan, China)

Assistant:

Dr. Wei Mei (China University of Geosciences, Wuhan, China)

07:20 19th Oct: Depart from New Beacon Luguang International Hotel for travel to Huangshi City

17:30 21st Oct: Return to New Beacon Luguang International Hotel, Wuhan City

Itineraries in the Dabie Region:

Oct.19: From Wuhan to Tieshan, Huangshi City by coach (AM), field visit to Huangshi National Mining Park and typical structures resulting from contact thermal metamorphism and deformation, accommodation at Tieshan.

Oct.20: Field visits of Mulanshan Geopark, ultra-high-pressure metamorphic rocks at Mulan Mountain and ophiolitic mélangé at Hong'an, overnight at Hong'an.

Oct.21: Field visits to kyanite eclogites at Hong'an and Huangmailing Phosphate at Dawu. Return to Wuhan by coach (PM).



IWTOMA 2015, Wuhan, China

Remarks: Please ensure that you inform the organizer (iwtoma@cug.edu.cn) about your departure: flight schedule, flight no. and departure time from Wuhan airport so that someone can drive you to the Wuhan Tianhe Airport on 21-22 Oct.