

The 6th Asia-Pacific Workshop on Laser-Ablation and Micro-analyses

November 29 to December 1, 2016, Wuhan

(2nd announcement)

The State Key Laboratory of Geological Processes and Mineral Resources (GPMR), China University of Geosciences (Wuhan) will be sponsoring a two-day workshop devoted to promoting the application and research of laser ablation and other in-situ micro-analysis techniques in the Asia-Pacific region. The main focus of this workshop will be application and theory of LA-ICP-MS and LA-MC-ICP-MS in elemental and isotopic analyses. Ion probe and other micro-analytical techniques are also welcome. We are warmly expecting your participation and presence in Wuhan.

WORKSHOP GOALS

- ◆ Promote the application of laser ablation in elemental and isotopic analyses;
- ◆ Enhance the understanding of elemental fractionation in laser ablation;
- ◆ Discuss the latest practices for the production of “reliable” micro-geochemical data;
- ◆ Exchange ideas between users and researchers of elemental and isotopic analysis techniques using laser ablation.

SPECIFIC TOPICS

- ◆ New developments in micro-analytical techniques and methods;
- ◆ Applications of micro-analysis with laser ablation;
- ◆ Elemental fractionation in LA-ICP-MS;
- ◆ Data calibration strategy for elemental and isotopic analyses with laser ablation;
- ◆ Reference materials used for quality control for LA-ICP-MS / LA-MC-ICP-MS analysis.

KEYNOTE SPEECHES

Detlef Günther	New capabilities in micro sampling and laser ablation using a new generation ICPTOFMS
Jianfeng Gao	In situ iron isotope analyses of iron oxides and sulfides
Ingo Horn	Stable Isotope analyses by femtosecond laser ablation: Possibilities and problems
Takafumi Hirata	Combination of MALDI imaging and LA-ICPMS imaging for biochemical samples
Zhaochu Hu	A green and fast laser fusion technique for bulk silicate rock analysis by laser ablation ICP-MS
Klaus P. Jochum	High resolution measurements using femtosecond LA-ICPMS and the need for microanalytical reference
Shaoyong Jiang	LA-MC-ICP-MS boron isotope analysis of tourmaline and silicate minerals: methods and applications.
Yangting Lin	NanoSIMS analytical technique and its applications

William F. McDonough	Improving the state of the art and expanding applications in medicine, forensics and planetary exploration
Paul J. Sylvester	Status and prospects for U-Pb geochronology of accessory minerals by LA-(MC)-ICPMS
Weidong Sun	Sulfur isotope of pyrite from Dexing porphyry Cu deposit analyzed using SHRIMP SI
Zheng Wang	Quantitative imaging analysis and investigation of inorganic nonmetallic materials by laser ablation-inductively coupled plasma-mass spectrometry
Qunke Xia	Measuring trace amount of H ₂ O in minerals by in-situ techniques
Zhi Xing	Analysis of solid samples based on low temperature plasma probe ablation
Honglin Yuan	Accurate measurement of Pb and sulfur isotopes in sulfides using femtosecond laser ablation MC-ICPMS
Yueheng Yang	In situ U-Th-Pb dating and Sr-Nd isotope analysis of bastnaesite by LA-(MC)-ICP-MS
Wen Zhang	Research of mercury removing technique for Pb isotopic ratios analysis in Hg-rich sulfides by LA-MC-ICP-MS
Xiuchun Zhan	The title is to be decided
Yongfei Zheng	The title is to be decided

This list is arranged in alphabetical order of surnames.

SCHEDULE

Registration & Information desk opening time:

29th November 8:30-12:00 & 14:00-17:30

Lecture

29th November 14:30-17:00

Yongsheng Liu	Calibration and correction of LA-ICP-MS and LA-MC-ICP-MS analyses for element contents and isotopic ratios
Yueheng Yang	

Keynote speeches & Oral presentations:

30th November-1st December 8:00-12:00 & 14:00-17:30

CONFERENCE CHAIR

CHAIRMAN

Yongsheng Liu, China University of Geosciences (Wuhan)

SCIENTIFIC COMMITTEE

Detlef Günther, ETH Zürich, Switzerland

Xianhua Li, Institute of Geology and Geophysics, Chinese Academy of Sciences

Yongsheng Liu, China University of Geosciences (Wuhan)

Weidong Sun, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences

Fuyuan Wu, Institute of Geology and Geophysics, Chinese Academy of Sciences

Jinhui Yang, Institute of Geology and Geophysics, Chinese Academy of Sciences

Honglin Yuan, Northwest University, China

Yongfei Zheng, University of Science and Technology of China

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Yongsheng Liu, China University of Geosciences (Wuhan)

Laishi Zhao, China University of Geosciences (Wuhan)

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Xianlei Geng, Detao He, Ming Li, Zaicong Wang, Huaqiang

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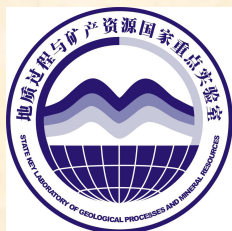
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WORKSHOP FEE

RMB ¥1200 (¥800 for students) (including breakfast, lunch and
dinner of three days).

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REGISTRATION

Please send the registration form to cuglab@sina.cn before **11th November, 2016**, so that we can arrange the meeting place and make hotel reservation.

All the PPTs and posters must be in English, and oral presentation in English is preferred, Chinese also is acceptable.

Title Prof Dr Mr
 Mrs Ms Miss

Family name Given name

Position

Organization/ Institute

Postal Address

Phone Fax

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Title/subject of presentation

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6th APWLama

☀ 2016

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