



1st China-Japan

Youth Joint Forum on Geochemistry

1. Date: 2022 May 28

2. Organizers

Chinese Society for Mineralogy, Petrology and Geochemistry (CSMPG, <http://csmpg.gyig.cas.cn/>)

Geochemistry Society of Japan (GSJ, <http://www.geochem.jp/>)

International Association of geochemistry (IAGC, <https://www.iagc-society.org/>)

3. Contacts

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http://sourcedb.igg.cas.cn/cn/zjrck/tpfy/202204/t20220418_6428465.html)

服部祥平 Shohei HATTORI (GSJ, hattori@nju.edu.cn [南京大学, Nanjing University],

<https://www.icier-nju.org/Shohei/>)

郑旺 Wang ZHENG (IAGC, zhengw3@tju.edu.cn [天津大学, Tianjin University],

<http://faculty.tju.edu.cn/zhengwang/>)

4. Registration

In order to ensure the discussion quality, there are only limited spots for participants. If you want to attend this event, please fill the registration form and left your official email address. The selected participants will receive a zoom link before the event. Personal email address will not receive responses.

Registration link: <https://www.wjx.cn/vj/Q8XVS6p.aspx>

5. Schedule

For journal session, 55 minutes in total: 10 minutes for each journal, and 15 minutes for Q&A.

For talks, 1 hour for each session: 20 minutes for each speaker and 20 minutes for discussion.

Opening

(9:00-9:05 Beijing time, 10:00-10:05 Tokyo time)

Journal Session

(9:05-10:00 Beijing time, 10:05-11:00 Tokyo time)

Geochemical Journal: the primary journal of the Geochemical Society of Japan
(<https://geochemical-journal.jp/>)

Executive Editor: 鈴木勝彦 Katsuhiko SUZUKI (katz@jamstec.go.jp)
Affiliation: Submarine Resources Research Center, JAMSTEC, Japan

Geochimica et Cosmochimica Acta: the Journal of Geochemical Society and the Meteoritical Society of the United States of America
(<https://journals.elsevier.com/geochimica-et-cosmochimica-acta>)

Associate Editor: 黄方 Fang HUANG (fhuang@ustc.edu.cn)
Affiliation: 中国科学技术大学 University of Science and Technology of China

Chemical Geology: Affiliated Journal of European Association of Geochemistry
(<https://journals.elsevier.com/chemical-geology>)

Co-Editor-in-Chief: 董海良 Hailiang DONG (dongh@cugb.edu.cn)
Affiliation: 中国地质大学（北京） China University of Geosciences, Beijing

Applied Geochemistry: the Official Journal of International Association of Geochemistry
(<https://www.journals.elsevier.com/applied-geochemistry>)

Co-Editor-in-Chief: 王梓萌 Zimeng WANG (zimengw@fudan.edu.cn)
Affiliation: 复旦大学 Fudan University



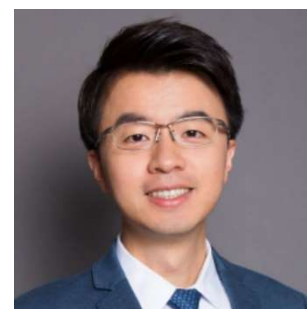
鈴木勝彦
Katsuhiko SUZUKI



黄方
Fang HUANG



董海良
Hailiang DONG



王梓萌
Zimeng WANG

Session 1: Environmental Geochemistry

(10:00-11:00 Beijing time, 11:00-12:00 Tokyo time)

Chinese Presenter: 潘泽真 Zezhen PAN

Title: Nanoscale mechanism of UO_2 formation and the persistence of pentavalent U species during its abiotic reduction process

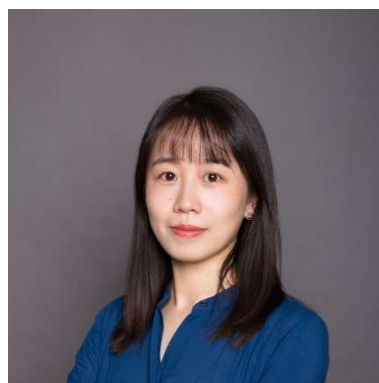
Affiliation: 复旦大学, Fudan University

Email: zezhenpan@fudan.edu.cn

Refs:

<https://www.nature.com/articles/s41467-020-17795-0>;

<https://pubs.acs.org/doi/10.1021/acs.est.1c06865>



Japanese Presenter: 柏原輝彦 Teruhiko KASHIWABARA

Title: Geochemistry of rare metals at the seawater/ferromanganese oxide interface

Affiliation: 国立研究開発法人海洋研究開発機構, Japan Agency for Marine-Earth Science and Technology (JAMSTEC)

Email: teruhiko-kashiwa@jamstec.go.jp

Refs:

<https://www.sciencedirect.com/science/article/pii/S0016703717300455>



Lunch break

(11-14 Beijing time, 12-15 Tokyo time)

Session 2: High temperature and high pressure Geochemistry

(14:00-15:00 Beijing time, 15:00-16:00 Tokyo time)

Japanese Presenter: 飯塚理子 Riko IIZUKA-OKU

Title: Behavior of light elements in iron-silicate-water-sulfur system during early Earth's evolution

Affiliation: ハーバード大学/東京大学,
Harvard University/The University of Tokyo

Email: riizuka@eqchem.s.u-tokyo.ac.jp /
riko_oku@fas.harvard.edu

Refs:

<https://www.nature.com/articles/s41598-021-91801-3>



Chinese Presenter: 何宇 Yu HE

Title: Superionic iron alloys and their seismic velocities in Earth's inner core

Affiliation: 中国科学院地球化学研究所/北京
高压科学研究中心, Institute of Geochemistry,
CAS/HPSTAR

Email: heyu@mail.gyig.ac.cn

Refs:

<https://www.nature.com/articles/s41586-021-04361-x>



Session 3: Advanced isotope analysis and applications

(15:00-16:00 Beijing time, 16:00-17:00 Tokyo time)

Chinese Presenter: 马然 Ran MA

Title: Novel Position-Specific $^{18}\text{O}/^{16}\text{O}$ Measurement of Carbohydrates

Affiliation: 陕西科技大学, Shaanxi University of Science and Technology

Email: maran@sust.edu.cn

Refs:

<https://pubs.acs.org/doi/10.1021/acs.analchem.9b05314>



Japanese Presenter: 遠藤美朗 Yoshiaki ENDO

Title: Multiple sulfur isotope fractionation during SO_2 photolysis: A synthesis of absorption spectra measurements and photolysis experiments of SO_2

Affiliation: University of St Andrews, UK

Email: ye1@st-andrews.ac.uk

Refs:

https://www.jstage.jst.go.jp/article/geochemj/56/1/56_GJ22004/_article
<https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2018GL080730>

