

Registration

<https://isi-isotopes2022.empa.ch/registration>

Key Dates

Deadline abstract submission: **30 April 2022**

Deadline registration: **30 April 2022**

Fees and Payment

The workshop fee of CHF 475.– (regular), CHF 300.– (student) will cover ice breaker, lunch & snacks during coffee breaks, ½ day excursion and the dinner event on Wednesday. The fee for online participation is CHF 100.–.

Oral / Poster Presentations

If you would like to present your research in a talk or a poster, please submit a one-page abstract via the workshop homepage until **30 April 2022**. You can download the abstract template from the workshop webpage <https://isi-isotopes2022.empa.ch>.

Cancellation

Attendees will have the opportunity to change their registration type from in-person to online (or vice versa). You will be required to pay the difference in the registration cost or will receive a refund of the difference. The deadline to make this change is **6 May 2022**.

Funding and Sponsors

We are currently contacting potential industry sponsors, if you are interested please let us know via isi-isotopes2022@empa.ch

General Information

Location Empa
Überlandstrasse 129, 8600 Dübendorf
Empa-Akademie

Homepage <https://isi-isotopes2022.empa.ch>

Deadline 30 April 2022

Accommodation Overnight accommodation should be arranged individually. Hotels around the Empa campus can be found on the conference and the Empa homepage. Please mention your participation at the conference to get a discount.

Contact Empa
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How to get here Please do use public transport.
There is only very limited parking available.



CONFERENCE

10th International Symposium on Isotopomers (ISI) and 12th Isotopes Conference



Empa, Überlandstrasse 129, Dübendorf
29 May – 3 June 2022

Online registration:
<https://isi-isotopes2022.empa.ch/registration>

Topic & Aims

The joint 10th International Symposium of Isotopomers (ISI) and 12th Isotopes Conference (ISI+Isotopes 2022) will highlight the latest developments and applications for the use of stable isotopes, bring together scientists from a wide range of disciplines and foster knowledge exchange and collaboration. The target audience includes scientists, post-docs, PhDs and students from multiple research fields related to stable isotope sciences.

Scientific Sessions, Chairs and Keynote / Invited Speakers

– Advances in analytical Instrumentation and Methods

Chairs: Matthias Gehre, UFZ and Béla Tuzson, Empa

Keynote speaker: Alexis Gilbert, Tokyo Institute of

Technology

Invited speaker: Cay Neubauer, University of Colorado

Boulder

– Process Tracing in Ecology & Plant Science

Chairs: Christiane Werner, University of Freiburg and

Marco Lehmann, WSL

Keynote speaker: Ansgar Kahmen, University of Basel

Invited speaker: Lisa Wingate, INRAE

– Biogeochemistry,

Element Cycles and Fate of Contaminants

Chairs: Moritz Lehmann, University of Basel and

Anat Bernstein, Ben-Gurion University of the Negev

Keynote speaker on Biogeochemistry: Karen Casciotti,

Stanford University

Keynote speaker on Fate of Contaminants:

Daniel Hunkeler, University of Neuchâtel

– Global Change, Greenhouse Gases & Aerosols

Chairs: Thomas Röckmann, Utrecht University and

Sakae Toyoda, Tokyo Institute of Technology

Keynote speaker: Shuhei Ono, MIT

Invited speaker: Longfei Yu, Tsinghua University

– Computation of Isotope Effects & Enzyme Mechanisms

Chair: Agnieszka Dybala-Defratyka, Lodz University of

Technology

Keynote speaker: Katarzyna Świderek, Universitat Jaume I

Invited speaker: Piotr Paneth, Lodz University of

Technology

– Food Authenticity, forensic & biomedical Applications

Chairs: Michèle Lees, Eurofins and Illa Tea,

University of Nantes

Keynote speaker: Simon Kelly, IAEA

Invited speaker: Marietta Straub, Lausanne University

Hospital

– Origin and Evolution of the Earth (Planets) & Life

Chair: Huiming Bao, Nanjing University

Keynote speaker: Yuichiro Ueno, Tokyo Institute of

Technology

Invited speaker: Jordon Hemingway, ETH Zürich

– Clumped Isotopes

Chairs: Stefano Bernasconi, ETH Zürich and

Ivan Prokhorov, Empa

Keynote speaker: Jens Fiebig, Goethe University Frankfurt

Invited speaker: Matthieu Clog, University of Glasgow

Local Organizing Committee

Joachim Mohn, Empa, Switzerland

Thomas Hofstetter, EAWAG, Switzerland

Naohiro Yoshida, Tokyo Institute of Technology, Japan

Martin Elsner, Technical University of Munich, Germany

Gérald Remaud, Université de Nantes, France

Stefano Bernasconi, ETH Zürich, Switzerland

Béla Tuzson, Empa, Switzerland

Ivan Prokhorov, Empa, Switzerland

Preliminary Workshop Schedule

Sunday, 29 May 2022

17:00 – Ice breaker

18:00

Monday, 30 May 2022

08:00 Registration, coffee and snacks

08:30 Welcome

Morning session (with coffee break)

Process Tracing in Ecology & Plant Sciences

12:00 Lunch break

13:30 Afternoon session

(with Poster presentation / coffee break)

Food Authenticity, forensic & biomedical Applications

Computation of Isotope Effects & Enzyme Mechanisms

Poster presentation

18:00

Tuesday, 31 May 2022

08:45 Morning session (with coffee break)

Advances in analytical Instrumentation and Methods

12:00 Lunch break

13:30 Afternoon session

(with Poster presentation / coffee break)

Clumped Isotopes

Origin and Evolution of the Earth (Planets) & Life

Poster presentation

18:00

Wednesday, 1 June 2022

08:45 Morning session (with coffee break)

Global Change, Greenhouse Gases & Aerosols

12:30 Lunch break

Excursion

18:00 Conference dinner

Thursday, 2 June 2022

09:00 Morning session (with coffee break)

Biogeochemistry, Element Cycles and

Fate of Contaminants

12:00 Lunch break

13:30 – Afternoon session (with coffee break)

16:55 Biogeochemistry, Element Cycles and

Fate of Contaminants

Friday, 3 June 2022

Full day excursion (optional)