

# ELSI Annual Public Lecture 2024 — A Mission to Earth — 2024.2.1 (Thu)

19:00-20:50  
Doors open at 18:30

## Speakers



**Shawn McGlynn**

Associate Professor  
Earth-Life Science Institute (ELSI),  
Tokyo Institute of Technology

### Lecture 1

#### How much do we really know about life on Earth?

In the last decades we have learned through genome sciences that the planet is covered and filled with life forms who we have never seen. Although the general picture of biology has come into focus, it is an exciting time to be biologist right now. This lecture will present the frontier of what we do and do not know of life on Earth, and possibly other planets.



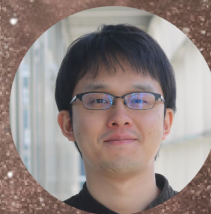
**Mayumi Seto**

Assistant Professor  
Nara Women's University

### Lecture 2

#### How does life connect cell and Earth energy?

Life has a hierarchical organisation and adeptly harnesses energy at every level. There are many similarities across these levels, and even human society has much to learn about energy utilisation from microbial life. In this presentation, I aim to contemplate life's energy utilisation beyond hierarchies and explore the existence of life from an energy perspective.



## Moderator

**Naohiro Terasaka**

Specially Appointed Associate Professor  
Earth-Life Science Institute (ELSI),  
Tokyo Institute of Technology

## Venue

Multi-Purpose Digital Hall,  
Ookayama West Bldg. 9,  
Tokyo Institute of Technology  
(Ookayama station, Tokyo Line, 3 min. walk)

## Organiser

Earth-Life Science Institute (ELSI),  
Tokyo Institute of Technology

## Language

Japanese/English  
(Simultaneous Interpretation)

## Fee

Free

## Registration

Prior registration is required.  
Use the code or website to register.  
\*Capacity at 300 people.

## Registration deadline

31 January 2024 (Wed) noon  
\*Application will be closed when the number of applicants reaches the limit.

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