

# Earth-Life Science Graduate Course

## Master's Thesis Presentations

Date: February 12 (Thursday), 2026 from 9:30 AM

Venue: Mishima-Hall,

**Master's Thesis Presentation** (Each presenter has a total of 30 minutes, with 20 minutes allocated for the presentation and 10 minutes for the Q&A session.)

		Presenter	Title
1	9:30 - 10:00	Patil Rachit	Exploring metabolic pathway construction by linking protein evolutionary relationships with their chemical function similarity
2	10:00 - 10:30	Arshjot Mann	SELEX-based screening of RNA aptamer interacting with model protocell
3	10:30 - 11:00	Koshi Maekawa	Quantitative Analysis of the Dynamics of Gel-in-GUV System in Response to Osmolality
	11:00 - 11:10		Coffee Break
4	11:10 - 11:40	Willian Salgado	Experimental investigation on halogen oxidation through oxygen atom irradiation onto salts on Mars
5	11:40 - 12:10	Seichi Miyawaki	Numerical simulations of chemical reactions in vapor plumes formed by chondritic impacts