

# Earth-Life Science Graduate Course Presentations

Date: July 22 (Wednesday), 2026 from 10:00 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	10:00 - 10:30	Ellen Cook	Quantification of Lipid Biomarker Throughput in Novel Mars Analog Hot Spring with Mineral & Redox Gradients
2	10:30 - 11:00	Gabriel Schiemenz	Life Without Water: Micelle Formation from Newly Synthesised “Reverse Surfactants” in Titan-like Hydrocarbon Solvents
3	11:00 - 11:30	Cao Wenke	Laboratory Evolution of Membrane Associated Peptides
4	11:30 - 12:00	Andre Buttelli	From Fragments to Folds: Integrating Phylogenetics and Protein Language Models for the Study of Deep Protein Evolution