

Conference on Science at the Sanford Underground Research Facility

Tuesday, May 14, 2024

Biology - Parallel: Parallel I - CB 204 W (2:00 PM - 3:40 PM)

-Conveners: Tanvi Govil; TANVI GOVIL; RAJESH SANI

time	[id] title	presenter
2:00 PM	[99] Exploration of subsurface microorganisms with single cell techniques	Dr STEPANAUSKAS, Ramunas
2:20 PM	[94] From undergorund to space: How extremophiles can be developed for consumer product goods	Dr LANDRY, Kyle
2:40 PM	[95] Biology research at SURF	Dr HORN, Markus
3:00 PM	[55] The Impact of Oxygen Concentration on Methane-Oxidizing Bacteria and the Characterization of Novel Bacteria from SURF	Dr GARNER, Christopher
3:20 PM	[37] Enhancement of methane oxidation in methanotrophs	Dr SAMANTA, Dipayan

Biology - Parallel: Parallel II - CB 204 W (4:20 PM - 6:00 PM)

-Conveners: TANVI GOVIL; Tanvi Govil; RAJESH SANI

time	[id] title	presenter
4:20 PM	[40] Mitigating Plastic Pollution in Agriculture through Biodegradable Mulch Films	Mrs GIBBS, Antonia KAUR, Jasmeet
4:40 PM	[25] Urban Mining of e-scrap – Biohydrometallurgy is the future	Dr KUMAR, Sudhir
5:00 PM	[47] Effect of bioavailable copper on Oleidesulfovibrio alaskensis G20 biofilm formation	Ms THAKUR, Payal
5:20 PM	[53] Metagenome Assembled Genomes (MAGs): Extreme Habitat of Deception Island	Dr SINGH, Ram
5:40 PM	[100] Extremophilic processes and microbiome: Companion for marching towards net zero	Dr SINGH, Balendra