

Workshop on Carbon Cultivation

Monday, October 14, 2024

Session 3: Carbon-Based Materials (3:30 PM - 5:30 PM)

time	[id] title	presenter
3:30 PM	[27] Properties of multilayer paperboard prepared from plant fiber	KOSE, Ryota
3:50 PM	[16] BIOWIN: AI-supported biotechnology for resource-efficient active compound and bio-nylon production	BÜHLER, Bruno
4:10 PM	[30] Glucose-free platform chemical production by the engineered catabolic pathway of Pseudomonas sp. NGC7	SONOKI, Tomonori
4:30 PM	[17] How methyltransferases can contribute to CO2-neutral production of methylated chemicals	DEOBALD, Darja
4:50 PM	[26] The catabolic system of lignin-derived aromatic compounds in Sphingobium lignivorans SYK-6 and its application to lignin valorization	MASAI, Eiji
5:10 PM	[20] Tapping new feedstocks for biological synthesis using electrochemical hydrogenations: production of adipic acid from lignin-derived phenols	MOREJÓN, Micjel C. SAEDI, Navid FRANZ, Alexander SEIBERT, Lea KARANDE, Rohan HARNISCH, Falk