



Session	Microbial Protein & Microbial Oils Transition Players
Title	Eat Beer – Modular fermentation meets rebellion: hijacking brewers' spent grain for sustainable mycoproteins
Company	EatBeer Biotech GmbH
Speaker	Dr. Mark Schneeberger
Keywords feedstock (max 2)	BSG, Circular Economy
Keywords technology (max 2)	Fungi Fermentation
Keywords End-Product (max 2)	Mycoprotein, Modular Plant
Abstract:	
EatBeer hijacks brewers' spent grain to produce sustainable mycoproteins – using modular bioprocessing systems designed with Model-Based Systems Engineering (MBSE). We're building container-based, reconfigurable biorefinery modules – for substrate prep, fermentation, downstream processing and utilities – designed digitally from day one. MBSE lets us model the full system before steel hits the ground: faster iterations, scalable builds, and seamless integration. Our first application: filamentous fungi fermenting brewers' spent grain into high-value mycoprotein. Targeting food and brewing industries, we turn waste into next-gen protein. Why care? We cut development time, simplify scale-up, and unlock the full potential of circular biomanufacturing. EatBeer. Fermentation meets engineering.	