

Agenda

Workshop ‘Scientific Perspective’

BUILDING WITH FUNGI

International Conference | October 13th–16th, 2026

Organised and hosted by CRC 1743 MY-CO BUILD

Chairs: Timothy Charles Cairns, Anna Sofia Birke

Date, Location: 16/10/2026, TIB21-C Lecture hall

Time	Title	Presenter(s)/Participants
10:15 AM	Opening, purpose of workshop	Chairs
11:00 AM	Mechanical Characterization of Lignocellulosic Substrates for Mycelium-Based Materials	Christos Lolos
11:15 AM	Three-dimensional hyphal network morphology in <i>Fomes fomentarius</i> composites as a basis for multiscale transport modeling	Xinyu Pan
11:30 AM	Uncovering the transcriptional landscape of <i>Fomes fomentarius</i> during fungal-based material production through gene co-expression network analysis	Timothy C. Cairns
11:45 AM	From identification keys to material design: repurposing fungal taxonomic data for mycelium materials	Annah-Ololade Sangosanya
12:00 PM	Circular Biobased Mycomaterial	Jitka Effenberger
12:15 PM	My.Le - Additive Manufacturing of Insulating Brick Components Made from Mycelium and Clay	Eva Bullermann
12:30 PM	Open Discussion	Chairs Participants
01:00 PM	1 hour Lunchbreak	
02:00 PM	Development of scientific network world map and Open Discussion https://tally.so/r/KYqj9K	Participants
		
04:15 PM	Coffee Break (TIB21-004)	
04:45 PM	Closing remarks & Happy Hour	Chairs