

Course Schedule

CAS Wood-Based Panels
Module 2: Adhesives and Emissions
8th – 12th February 2027

e-Learning

Free timing management	
From MON 12.1.	e-Learning lectures (guided self study) Topic: Introduction to adhesives and emissions of wood-based panels

On site Week

	Block 1 8:30 - 10:00	Block 2 10:30 - 12:00	Block 3 13:00 - 14:30	Block 4 14:45 - 16:15			
MON 8.2.	Arrival	Welcome, Organizational	Biomasses and building blocks (I. Mayer)	Overview bio-based adhesives (R. Frei, BFH)	Adhesives and LCA of wood-based panels (H. Thömen, BFH)	Introduction to material emissions and emission testing (I. Mayer, BFH)	TechPark Tour Research Labs at BFH
TUE 9.2.	Introduction to group work (I. Mayer, BFH)		VOC: Regulation of products, regulation of indoor air, health effects (M. Ohlmeyer, Thünen Institute)	VOC: Emissions of wood and wood-based panels, influence of process parameters (M. Ohlmeyer, Thünen Institute)	Influence of process parameters on formaldehyde emissions (S. Weinkötz, BASF)	16:30 Departure from BFH Curling and Cheese fondue	
WED 10.2.	Polylysine-based adhesives (S. Weinkötz, BASF)		Workshop emission testing In groups at BFH Labs (I. Mayer, Ch. Hinterleitner, BFH)	Group Work	Implementation of bio-based adhesives from an industry perspective (n.n.)		
THU 11.2.	BioNIPU adhesives (I. Mayer, BFH)		Lignin-based adhesives (H. Suomela-Uotila, UPM)	Group Work	5-HMF adhesives (n.n.)	16:30 Departure from BFH Wine tasting in Ligerz	
FRI 12.2.	Workshop adhesive testing In groups at BFH Labs (L. Olaechea, P. Tanner, BFH)			Final presentations and discussions Outcome of group work	Closure	Departure	

Legend

Welcome & Closure
Workshop
Lecture