

Cellulose in choline chloride-based deep eutectic solvents : dissolution, regeneration, and acetylation

Brus, Gretel; Tarasova, Elvira; Krumme, Andres Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 61 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Choline hydroxide-based deep eutectic solvents : cellulose dissolution and esterification

Prelgauskaite, Vilte; Tarasova, Elvira; Krumme, Andres Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 85 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

A compared study of esterified lignin for thermoplastic applications

Ho, Tran; Mohan, Mahendra Kothottil; Köster, Carmen; Järvik, Oliver; Kulp, Maria; Karpichev, Yevgen Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 83 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Development of bio-based lignin-furfural adhesives using deep eutectic solvents

Solomina, Evelin; Thevis, W. H. P.; Kulp, Maria Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 60 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Direct conversion of lignin into antibacterial carbon nanomaterials without organofunctionalization

Mikhrallieva, Albina; Bragina, Olga; Zaitsev, Volodymyr; Karpichev, Yevgen Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 52 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Effect of drying methods on the morphological and functional properties of cellulose ester films

Kattamanchi, Tanuj; Kallakas, Heikko; Tarasova, Elvira; Alao, Percy Festus; Kaljuvee, Tiit; Mere, Arvo; Katerski, Atanas; Kers, Jaan Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 42 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

The effect of pressing parameters on the properties of nonwoven composites

Rahman, Md Arifur; Plamus, Tiia; Rahman, Md Toufique Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 70 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Green non-destructive approach for quantitation of hydroxyl groups in lignin using atr-ftir spectroscopy and chemometric methods

Salm, Olivia-Stella; Kudrjašova, Marina; Kulp, Maria Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 74 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Lignin valorization via chloromethylation as a versatile approach towards sustainable materials

Mohan, Mahendra Kothottil; Karpichev, Yevgen Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 38 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Mechanical properties of fire damaged and bark beetle (Ips typographus) attacked Norway spruce (Picea abies) wood

Kaljula, Laura; Põdra, Mikk; Poltimäe, Triinu; Just, Alar; Kers, Jaan Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 67 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Plywood reinforced with volcanic fibre fabric

Kattamanchi, Tanuj; Kallakas, Heikko; Hakonen, Joonas Lauri; Lõhmus, Rünno Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 80 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Production and characterization of an exopolysaccharide from an oleaginous yeast

Hamacek, Henrique Sepulveda Del Rio; Tingajeva, Oksana; Lahtvee, Petri-Jaan; Kumar, Rahul, 1978- Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 35 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Rheological properties of fatty acid cellulose esters synthesised by reactive extrusion

Ilitskaja, Anna; Krasnou, Illia; Krumme, Andres Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 55 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Separation and characterization of soluble and insoluble phases from cellulose laurate (cl) for bioplastic coating

applications

Ebber, Laura Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 66 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Towards safe and sustainable building : reclaimed timber for structural use

Tienda Resendez, Francisco; Just, Alar; Kauniste, Maarja; Ratassepp, Madis Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 33 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Valorization of mechanically recycled textile fibres into nonwoven materials with various compositions

Worth, Katre; Sõrra, Susanna; Plamus, Tiia Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 65 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Valorizing low-quality wood species into innovative multilayer engineered wood products

Akkurt, Tolgay Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 43 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>