

## Veröffentlichungen

- Burian, B. Müller, M., Müller, L., Puttmann, S. (2020): Bauen mit schwachen Buchenholzsportimenten. In: Holzzentralblatt 4(20): 74-75.
- Bekhta, P., Müller, M., Hunko, I. (2020): Properties of Thermoplastic-Bonded Plywood: Effects of the Wood Species and Types of the Thermoplastic Films. In: Polymers, 12(11): 2582.
- Müller, L., Puttmann, S., Müller, M., Burian, B. (2020): Verwendung von Buchenschwachholz für die Produktion von Brettsperrholz. Teil 2: Schnittholzsortierung. In: Holztechnologie, 61(2): 17-22.
- Müller, L., Puttmann, S., Müller, M., Burian, B. (2020): Verwendung von Buchenschwachholz für die Produktion von Brettsperrholz. Teil 1: Rundholzsortierung. In: Holztechnologie, 61(1): 11-15.
- Meints, T., Hansmann, C., Müller, M., Liebner, F., Gindl-Altmutter, W. (2018): Highly effective impregnation and modification of spruce wood with epoxy-functional siloxane using supercritical carbon dioxide solvent. In: Wood Science and Technology, 52(6): 1607-1620.
- Puttmann, S., Müller, L., Burian, B., Müller, M. (2018): Influence of various polyethylene glycol treatments on the dimensional stability of beech wood; Proceedings of the 9th European Conference on Wood Modification 2018, Arnhem, The Netherlands
- Müller, M., Puttmann, S., Burian, B. (2018): Verwendung von schwachem Laubholz für die Herstellung von Brettsperrholz. Tagungsband Forstwissenschaftliche Tagung 24.-29.09.2018, Göttingen.
- Krause, K., Müller, M., Militz, H., Krause, A. (2017): Enhanced water resistance of extruded wood-polypropylene composites based on alternative wood sources. In: European Journal of Wood and Wood Products, 75(1): 125-134.
- Rivière, P., Nypelö, T., Obersriebnig, M., Bock, H., Müller, M., Mundigler, N., Wimmer, R. (2017): Unmodified multi-wall carbon nanotubes in polylactic acid for electrically conductive injection-moulded composites. In: Journal of Thermoplastic Composite Materials, 30(12): 1615-1638.
- Sykacek, E., Sobczak, L., Müller, M., Mundigler, N. (2015): WPCs based on engineering polymers. In: Proceedings Sixth WPC & NFC Conference. 16-17 December 2015. Cologne.
- Kaiser, B., Müller, M., Heimes, D. (2015): Holz gut schützen- und so länger nutzen. Holzzentralblatt, 48: 1186.

Krause, K., Müller, M., Militz, H., Krause, A. (2015): Converting Wood from Short Rotation Coppice and Low-Value Beech Wood into Thermoplastic Composites. In: Manning, D., Bemman, A., Bredemier, M., Lamersdorf, N., Ammer, C. (Hrsg.). : Bioenergy from Dendromass for the Sustainable Development of Rural Areas, Wiley-VCH. Weinheim.

Riegler, R., Müller, M., Hansmann, C., Müller, U. (2015): Potential of granulated maize cobs as substitute for particleboard production. In: Proceedings of International Panel Products Symposium (IPPS) 2015. 7.-8. Oktober 2015 Llandudno.

Riegler, R., Müller, M., Müller, U. (2015): Influence of hemp shives on mechanical properties of particleboard's core layer. In: Proceedings of International Panel Products Symposium (IPPS) 2015. 7.-8. Oktober 2015 Llandudno.

Meints, T., Müller, M., Liebner, F., Delis, J., Hansmann, C. (2014): <sup>31</sup>P NMR Studies of Siloxane modified wood using supercritical carbon dioxide as solvent. Proceedings of the 3rd International Conference on Processing Technologies for the Forest and Bio-based Products Industries (PTF BPI 2014), September 24-26, 2014, Kuch/Salzburg.

Müller, M., Hauptmann, M., Delis, J., Wendland, M., Liebner, F., Hansmann C. (2014): Siloxane treatment of spruce (*Picea abies*) using supercritical carbon dioxide. In: Proceedings European Conference on Wood Modification 2014. 10.-12. März 2014 Lissabon.

Meints, T., Müller, M., Hansmann, C., Malinina, V., Liebner, F. (2014): Detection of siloxane fixation on wood model substances by using <sup>31</sup>P NMR. In: Proceedings European Conference on Wood Modification 2014. 10.-12. März 2014 Lissabon.

Krause K. C., Müller, M., Militz, H., Krause A. (2013): Efficient utilization of wood sources for Wood-Polymer Composites, First International Conference on Resource Efficiency in Interorganizational Networks, November 13th – 14th, Universitätsverlag Göttingen, ISBN:978-3-86395-142-9, p. 94-105

Müller, M., Hauptmann, M., Hansmann, C. (2013): Bonding properties of wood modified with various siloxanes and silanes. In: Proceedings COST-Conference "Characterization of modified wood in relation to wood bonding and coating performance" 16.-18. October 2013 Rogla.

Krause, K., Müller, M., Militz, H., Krause, A. (2013): Efficient utilization of wood sources for Wood-Polymer Composites. In: Proceedings International Conference on Resource Efficiency in Interorganizational Networks. 13.-14. November 2013. Göttingen.

Hauptmann, M., Müller, M., Hanea, H., Müller, U., Hansmann, C. (2013): Influence of wood structure on the sorting of high quality walnut (*Juglans nigra*) timber. In: Proceedings International Scientific Conference on Hardwood Processing. 7.-9. October 2013. Florence.

Müller, M., Gellerich, A., Militz, H., Krause A. (2013): Resistance of modified polyvinyl chloride/wood flour composites to basidiomycetes. *European Journal of Wood and Wood Products*, 71(2): 199-204.

Müller, M. (2012): Influence of Wood Modification on the Properties of Polyvinyl Chloride based Wood Polymer Composites (WPC). Dissertation. Georg-August Universität Göttingen.

Müller, M.; Militz, H.; Krause, A. (2012): Thermal degradation of ethanolamine treated polyvinyl chloride/wood flour composites. *Polymer Degradation and Stability*, 97(2): 166-169.

Müller, M.; Grüneberg, T.; Militz, H.; Krause, A. (2012): Amine treatment of polyvinyl chloride/wood flour composites. *Journal of Applied Polymer Science*, 124(6): 4542-4546.

Müller, M.; Radovanovic, I.; Grüneberg T.; Militz, H., Krause, A. (2012): Influence of various wood modifications on the properties of polyvinyl chloride/wood flour composites. *Journal of Applied Polymer Science*, 125(1): 308-312.

Müller, M.; Radovanovic, I.; Grüneberg T.; Militz, H., Krause, A. (2011): Influence of various wood modifications on mechanical properties of PVC based WPC for the use in window frame elements. In: *Proceedings 5th International Wood Fiber Polymer Composites Symposium*. 26-27. September 2011, Biarritz.

Müller, M. (2010): Potenzial von WPC für den Fensterbau. *dds*, Heft 06/2010: S. 18-20

Müller, M.; Radovanovic, I.; Krause, A.; Militz, H. (2010): Influence of K-value, processing temperature and wood content on mechanical properties of WPC based on PVC for the use in window frames. In: *Hanser Verlag (Hg.) 8th Global WPC and Natural Fibre Composites Congress and Exhibition*, 22.-23. Juni 2010, Stuttgart-Fellbach.

Müller, M; Krause, A.; Grüneberg, T (2009): Entwicklung von innovativen Fassadenelementen aus holzverstärkten Kunststoffen. In: *Tagungsband. narotech, 7. Internationales Symposium „Werkstoffe aus nachwachsenden Rohstoffen“* 9.-10. September 2009, Erfurt.

Diverse redaktionelle Beiträge für die "Holzzeitschrift, Technik und Service für Holzbetriebe".