

# Leverbellista IPOS DP2

## Doktorsavhandlingar

Jose Couceiro. X-ray computed tomography to study moisture distribution in wood. 2019. Lulea tekniska universitet, Institutionen for teknikvetenskap och matematik, Trateknik. ORCID-id: 0000-0001-7270-1920

Benedict Neyses. Surface Densification of Solid Wood (2019). Paving the Way Towards Industrial Implementation. Lulea tekniska universitet, Institutionen for teknikvetenskap och matematik, Trateknik. ORCID-id: 0000-0002-1489-0839

## Vetenskapliga artiklar

Chia-Feng Lin, Olov Karlsson, George I. Mantanis. 2020. Fire performance and leach resistance of pine wood impregnated with guanyl-urea phosphate/boric acid and a melamine-formaldehyde resin. European Journal of Wood and Wood Products

Injeong Kim, Olov Karlsson, Olena Myronycheva, Dick Sandberg. 2020. Methacrylic Resin for Protection of Wood from Discolouration by Mould Growth and Weathering. BioResource

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Jose Couceiro, Owe Lindgren, Lars Hansson, Ove Soderstrom, Dick Sandberg. 2019. Real-time wood moisture-content determination using dual-energy X-ray computed tomography scanning. Wood Material Science & Engineering.

Olena Myronycheva et al. 2019. Application of GRAS Compounds for the Control of Mould Growth on Scots Pine Sapwood: Multivariate Modeling of Mould Grade. Forests Products Journal.

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Myronycheva, O., Karlsson, O., Sehlstedt-Persson, M., Ohman, M. and Sandberg, D. 2018. Distribution of low-molecular lipophilic extractives beneath the surface of air- and kiln-dried Scots pine sapwood boards. *PLOS ONE*.

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Couceiro J, Hansson L, Sehlstedt-Persson M, Vikberg T, Sandberg D. 2020. The conditioning regime in industrial drying of Scots pine sawn timber studied by X-ray computed tomography: a case-study. *European Journal of Wood and Wood Products*.

Injeong Kim, Olov Karlsson, Dennis Jones, George Mantanis, Dick Sandberg. 2020. The Dimensional Stabilisation of Scots Pine Sapwood by Reaction with Maleic Anhydride and Sodium Hypophosphite. *European Journal of Wood and Wood Products*.

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## Examensarbeten

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LCA rapport svensk sagad travara, Rapport 2018-06-12, Tyrens, Svenskt tra.

Sehlstedt-Persson. M, Hansson. L, Couceiro. J, Vikberg. T. Konditionering av virke vid olika fuktkvoter: studier i tomograf. LTU 2019.