

MSc. Patryk Król

CONTACT

Division of Woodworking Machines and Wood Processing
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EDUCATION

Occupational titles and science degrees	Date (year)	Institution
Master engineer of Wood technology	2013	Faculty of Wood Technology Warsaw University of Life Sciences - SGGW
Licentiate of Informatics and Econometrics	2014	Faculty of Applied Informatics and Mathematics - SGGW

PROFESIONAL COMPETENCE

Position	Date (year)	Institution
Teaching assistant	2017-2020	Division of Woodworking Machines and Wood Processing, Faculty of Wood Technology - SGGW

DIDACTIC

the lectures: Automatics, Electrotechnics and electronics

SCIENCE

Science research:

properties and application of materials in particleboard production;

Research projects:

a) submitted:

Analysis of lignocellulosic materials in the aspect of factors affecting their buffer capacity. Preludium
NCN 2019

SELECTED SCIENCE PUBLICATIONS FROM LAST 6 YEARS:

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- **Król P.**, Borysiuk P., Mamiński M.: „Comparison of Methodologies for Acid Buffering Capacity Determination—Empirical Verification of Models”, *Appl. Sci.* 2019, 9(11), 2345;
- **Król P.**, Mamiński M., Mazurek A.: „Acid buffering capacity – an alternative methodology”, *Annals of Warsaw University of Life Sciences, Forestry and Wood Technology*, 2018, 101, 162-167
- Toczyłowska-Mamińska R., Szymona K., **Król P.**, Gliniewicz K., Pielech-Przybylska K., Kloch M., Logan B.: „Evolving Microbial Communities in Cellulose-Fed Microbial Fuel Cell”, 2018, *Energies*. 11. 124. 10.3390/en11010124
- Mańkowski P., Anders B., **Król P.**: “Tensile strength of textiles infected by *C. puteana* fungus”, *Annals of Warsaw University of Life Sciences, Forestry and Wood Technology*, 2017, 100, 77-80

- Kutyla R., Podziewski P., **Król P.**, Szymanowski K.: Surface roughness after machining of medium density fiberboards designed for deep milling, *Annals of Warsaw University of Life Sciences, Forestry and Wood Technology*, 2017, 98, 72-75
- **Król P.**, Toczyłowska-Mamińska R., Mamiński M.: A Critical Role for the Presence of Lignocellulosic Material in the Determination of Wood Buffering Capacity, *Journal of Wood Chemistry and Technology*, Published online: 02 Aug 2017
- Kong M. T., Lim T. W., **Król P.**, Auriga R., Mamiński M.: 1,3-Dimethylol-4,5-dihydroxyethyleneurea as a Potential Alternative Binder for Plywood, *The Journal of Adhesion*, Volume 92:11, 908-915, 2016

Actualisation - January 2020