

**Piotr Borysiuk, Ph.D., D.Sc.**

**Department of Technology, Organization and Management  
in Wood Industry  
Division of Composite Wood Product**

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**Current Research Areas/Topics:**

- Wood and non-wood as raw materials for wood-based panels
- Analysis and modification of technology of wood-based composites
- Low density boards
- New types of wood-based panels
- Biopolymers, wood plastic composites

**Teaching:**

- Basis of wood based panels technology
- Technology of wood based panels
- Speciality purpose wood based panels
- Designing of technological processes for wood based composites
- Finishing technology of wood based composites

**Education:**

- 2012 r.: Warsaw University of Life Sciences - SGGW, Faculty of Wood Technology, habilitation in Forestry Sciences;
- 1996 – 2000 r.: Ph.D. studies on Faculty of Wood Technology, Warsaw University of Life Sciences - SGGW, Ph.D. in Forestry Sciences;
- 1991 – 1996 r.: master's studies on Faculty of Wood Technology, Warsaw University of Life Sciences - SGGW, MSc in Wood Technology;

**Employment:**

- 2012 – present, Warsaw University of Life Sciences - SGGW, Faculty of Wood Technology, Vice-Dean for Student Affairs;
- 2009 – present, Warsaw University of Life Sciences - SGGW, Faculty of Wood Technology, *Chief of Department of Wood-Based Composites*;
- 2007 – present, Research & Development Centre for Wood-Based Panels in Czarna Woda (OB-RPPD), Poland, *Research Specialist*;

- 2001 – present, Warsaw University of Life Sciences - SGGW, Faculty of Wood Technology, *Assistant professor*;
- 2000 – 2001 Furniture companies: ARICA and S&J, Warsaw, Poland, *Main technologist*.

### **Selected publications:**

- Kowaluk G., Borysiuk P., Boruszewski P., Mamiński M., 2013: Particleboards engineered through separate layer bonding. *Wood Research* 58(2), 265-274
- Grzeškiewicz M., Borysiuk P., Kramarz K., 2012: Physical and mechanical properties of thermally modified and densified MDF. *International Wood Products Journal*, 1, 21-25
- Mamiński M., Król M., Jaskółowski W., Borysiuk P., 2011: Wood-mineral wool hybrid particleboards. *European Journal of Wood and Wood Products*, 2, 337-339
- Kurowska A., Borysiuk P., Mamiński M., 2011: Simultaneous veneers incising and lower pressing temperatures – the effect on pressing time. *European Journal of Wood and Wood Products*, 3, 495-497
- Mamiński M., Mierzejewska K., Borysiuk P., Parzuchowski P., Boruszewski P., 2009: Surface properties of octadecanol-grafted pine veneers, *Int. J. Adhes. Adhes.*, 29, 781-784
- Borysiuk P., Mamiński M. Ł., Parzuchowski P., Zado A., 2010: Application of polystyrene as binder for veneers bonding – the effect of pressing parameters. *European Journal of Wood and Wood Products*, 68, 487-489
- Mamiński M., Borysiuk P., Parzuchowski P., 2008: Improved water resistance of particleboards bonded with glutaraldehyde-blended UF resin, *Holz Roh Werkst.*, 66, 381-383
- Mamiński M., Borysiuk P., Zado A., 2008: Study on the water resistance of plywood bonded with UF-glutaraldehyde adhesive, *Holz Roh Werkst.*, 66, 469-470
- Mamiński M., Borysiuk P., Zado A., 2008: Lanolin-retarded water penetration into UF-bonded particleboards, *Holz Roh Werkst.*, 66, 303-304
- Borysiuk P., Nicewicz D., Pawlicki J., Klimczewski M., 2007: The influence of the type and preparation of lingo-cellulose fibres on the properties of MDF. *Wood Research*, 52 (4), 79-88