

prof. dr. Miha Humar



Education:

PhD Biotechnical sciences, Wood science and technology (2002) (PhD thesis was awarded as the most successful in the respective year)

Position: Associate professor (2010 -)

Employment and leadership

- Employment: Department of wood sci. and tech., Biotechnical Faculty University of Ljubljana (1998 -)
- Dean of the Biotechnical Faculty responsible for research and development (2016 - 2018)
- Vice-dean of the Biotechnical Faculty responsible for research and development (2014 - 2016)
- Head of the Department for Wood Science and technology (2012 - 2014)
- Member of the advisory board of the Biotechnical faculty (2012 - 2014)
- Head of the department vice (2010 - 2012)
- Leader of the courses in the undergraduate study of Wood science and Biotechnology: Biotechnology of the fungi, Wood preservation, Environment protection I wood industry...
- Leader of the courses in the postgraduate study: Interactions of wood preservatives with wood and wood decay fungi, Bioremediation of wood and polluted environment.
- Leader of the program group P4-0015 Wood and lignocellulosic composites (2009 - 2019)

Project leader:

- L4-5517; Water exclusion efficacy, measure for prediction of wood performance against wood decay fungi, 1.8.2013-31.7.2016
- V4-1139; Carbon footprint of primary wood products
- V4-1010; Recommendations for restructuring of Slovenian wood industry 1.10.2010-31.3.2012
- L4-0820; Use of montana and carnauba wax water emulsions for protection of wood against wood decay fungi 1.2.2008-30.1.2011

- L4-7163; Rational use of wood in the context of sustainable forest management 1.9.2005-31.8.2008
- L4-6209; Development of inorganic, chromium free wood preservatives 1.7.2004-30.6.2007
- Member of the editorial board of the International Biodegradation and Biodeterioration (2014 -)
- Member of the editorial board of the Slovenian sci. journal *LesWood*, (2007 –)
- Editor of the Slovenian Sci. journal *LesWood*, (2009 - 2014)
- Member of the editorial board: The open environmental engineering journal (Bentham open) (2008 -)
- Member of the editorial board: Wood Research (2013 -)
- Leader of the ALUMNI club of the Department of wood sci. and tech. (2008 - 2013)
- Author of 120 scientific articles, 70 of these articles were published in journal with impact factor in the past 15 years.
- Member (2008-) and president (2009-2010) of the standardization committee responsible for wood, composites and wood preservation in Slovenia.
- Author of two international patents (EU, US, AU, Russia...)
- Supervisor of 75 undergraduate students and mentor of PhD students dr. Boštjan Lesar, dr. Nejc Thaler, Mojca Žlahtič, Davor Kržišnik (still studying). Co-advisor of dr. David Hrastnik.

International activity

- Member of scientific committee of the international conference ECOWOOD (2012)
- Member of the Scientific program committee at International research group and Section leader of Section 2 (2011-2017)
- Organizer and author of the idea of the conferences Forests and wood in 2010, 2011, 2012 and 2013, 2014
- Vice chair of the working group WG2 and member of steering committee, member of scientific committee in the frame of the project COST FP1303 Performance of bio based building materials, 2013-2018
- Leader of the working group WG2 and member of steering committee, member of scientific committee of the three conferences organized in the frame of the project COST E31 Management of recovered wood 2002 -2007
- Leader of the Working group 1.3 (Bluestain and moulds) in the frame of International organisation for Wood Protection (IRG/WP) (2005 - 2011)
- Member of the international projects evaluation group (Croatian, Serbian, Estonian, Bulgarian...)
- Reviewer at the sci. journals: Waste management, Chemosphere, Holzforschung, Environmental Science &Technology, Canadian journal of microbiology, Journal of Hazardous Materials, International Biodegradation & biodeterioration...
- Member of the MC and/or of WG in the frame of several COST projects (COST E22, COST E31, COST E37, COST IE0601, COST FP1303)
- Member of the organization comm. of the several international conferences: (COST E31 1st Conference Thessaloniki– member of scientific committee; IRG 35, Ljubljana, Slovenia, 6 - 10 June 2004: International conf. Ljubljana, 2004; COST E31 2nd conf. Management of recovered wood. Bordeaux, 2005 – member of sci. committee; 3rd conf. Management of recovered wood; Klagenfurt, COST E31, 2007 - Member of sci. committee; IMMC4

(International Medicinal mushroom conference), Ljubljana, Slovenia, 23-27 September 2007, Ljubljana, 2007; FTPC5 - The 5th Forest-based Sector Technology Platform Conf., May 2008, Kranjska Gora, Si.), Wood modification conference 2012 in Ljubljana.

Prices and awards

- 1998 IRG Ron Cockroft Award, by International Research Group on Wood Preservation IRG/WP as the perspective young Scientist in the field of wood protection
- 2003 Jesenko award by Biotechnical faculty, University of Ljubljana for the best PhD thesis in respective year
- 2006 praise of the Biotechnical Faculty for the most successful professor at Department of the wood science and technology
- 2007 together with Research group for wood pathology and preservation, he received award for successful scientific work
- 2011 Selected as one of the top supervisors of the PhD students in Slovenia (final results are not reported) by the association of the PhD students
- 2012 praise of the Biotechnical Faculty for the most successful professor at Department of the wood science and technology
- 2014 Innovation of research group of Miha Humar was awarded as the best innovation from Research organisations in 2014 at Slovenian Forum of innovation
- 2016 Slovenian national Puh award for innovation

Visiting scientist

Visiting scientist/professor at Leibniz University Hannover, Faculty for Architecture and Landscape Sciences, Institute for Vocational Sciences in the Building Trade, 20th of January - 12th March 2011 and in June/July 2012.