

Curriculum vitae

Bojan Podgornik

Personal data:

Born 21. January 1970, Ljubljana, Slovenia

Head of Metallic materials and technology department, Institute of Metals and Technology, Lepi pot 11, SI-1000 Ljubljana, Slovenia

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Education:

Faculty of Mechanical Engineering, University of Ljubljana: B.Sc. (1994), M.Sc. (1998), Ph.D. (2000)

Employment:

Researcher, Faculty of Mechanical Engineering/University of Ljubljana – FS(UL (1994-1996)
Assistant, FS/UL (1996-2001)

Guset researcher, Uppsala University, Sweden (2001-2002)

Assistant Professor, FS/UL (2001-2008)

Associate Professor, FS/UL (2008-2011)

Head of Metallic materials and technology department, Institute of Metals and Technology (2011-).

Lectures:

Faculty of Mechanical Engineering, University of Ljubljana (1998-2016); Contact Mechanics, Power Transmissions

University of Nova Gorica (2014-2016); Materials and Processes in Manufacturing

Swedish Research School in Tribology, Uppsala, Sweden (2010 & 2012); Tribological coatings and Concerns in coating selection

Research interests:

Surface engineering of forming tools and machine components, Galling resistance evaluation and improvement, Contact Mechanics, Improvement of tribological properties through hard coating application, Surface texturing. Fatigue and creep properties of materials and hard surface layers, Effect of surface treatment on residual stress field and fracture toughness, Residual stress modelling

Professional experiences:

1. Homepage author and administrator for Centre for tribology and technical diagnostics www.ctd.fs.uni-lj.si (1999-2011) and Engineering Academy of Slovenia www.ias.si (2007-2010); .
2. Session chair at international conferences (2001-today): ICMCTF, SLOTRIB, NORDTRIB, ECOTRIB, COST
3. Conference and Workshop Organizer: Surface engineering 2004, SLOTRIB 2002, ECOTRIB 2007
4. Chairman of organizing and program committees: IFHTSE, SLOTRIB and ECOTRIB
5. Quoted in »Who's Who: 2002/2003«, American Biographical Institute
6. Coordinator of work-group WG3:Tribochemistry inside european project COST 532 - Triboscience and Tribotechnology (2003-2007)
7. Coordinator of "Wear processes" area in the frame of Austrian COMET program - XTribology (2010-)
8. Reviewer (2001-today): 10 SCI international journals (Elsevier, Springer, Taylor&Francis)
9. Editor/co-editor for five publications (SLOTRIB 2002, 2008, 2010, ECOTRIB 2007, 2009) and guest editor for 3 SCI journals (Wear & Journal of Mechanical Engineering, Materials Performance and Characterization)

10. Coordinator of international projects in the frame of COST 516, COST 532, EUREKA and Marie Curie Training Network

Publications:

30 invited lectures, 100 international reviewed articles, more than 180 conference contributions, 4 chapters in books, over 200 reports and expertises, 5 international projects, 10 industrial projects, 7 lecture notes, supervisor to 5 Ph.D. and 8 B.Sc. students

Awards:

FS/UL: "For scientific and research work" (1999, 2001, 2003),

FS/UL: "For Ph.D. study finished ahead of time" (2000)

IMT: "Best paper from the field of metals - 7th conference on materials and technologies" (1999)

American Vacuum Society: "Bunshah award" (2006)

Science Direct -Top 25 Hottest Articles: No. 1 in Materials Characterization (2005), No. 10 in Tribology International (2008) and No. 2 in Wear (2009)

Slovenian Society for Tribology: "For active work in Slovenian Society for Tribology and promotion of Tribology in Slovenia" (2010)

Elsevier: "Award for most cited articles in Journal of Materials Processing Technology from 2005 to 2010" (2010)

CSHTSE: "Award for outstanding presentation - 2 Mediterranean Conference on Heat Treatment and Surface Engineering" (2013)

CSMT: "Best poster award - MATRIB (Materials, Wear, Recycling) 2014

Applied Surface Science: "Outstanding Contribution in Reviewing" (2014)

Memberships:

member of Slovenian Society for Heat Treatment, member of Slovenian Society for Tribology.