

**Abrasive erosive wear of powder steels and cermets**

Veinthal, Renno; Tarbe, Riho; Kulu, Priit; Käerdi, Helmo Wear 2009 / 11, p. 1838-1844 : ill

**Abrasive impact wear and surface fatigue wear behaviour of Fe-Cr-C PTA overlays**

Veinthal, Renno; Sergejev, Fjodor; Zikin, Arkadi; Tarbe, Riho; Hornung, J. 19th International Conference on Wear of Materials : Portland, Oregon, USA, 14-18 April 2013 : conference abstracts 2013 / [p. 98]

**Abrasive impact wear and surface fatigue wear behaviour of Fe-Cr-C PTA overlays**

Veinthal, Renno; Sergejev, Fjodor; Zikin, Arkadi; Tarbe, Riho; Hornung, Johann Wear 2013 / p. 102-108  
<https://www.sciencedirect.com/science/article/pii/S0043164813000999>

**Abrasive impact wear resistance of hardfacings**

Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Simson, Taavi European Conference on Heat Treatment and 22nd IFHTSE Congress : Heat Treatment and Surface Engineering from tradition to innovation : Venice (Italy), 20-22 May 2015 2015 / [9] p. : ill

**Abrasive impact wear: tester, wear and grindability studies = Abrasiivlöökkulumine: seade, kulumise ja jahvatatavuse uuringud**

Tarbe, Riho 2009 <https://digi.lib.ttu.ee/i/?435> [https://www.ester.ee/record=b2499200\\*est](https://www.ester.ee/record=b2499200*est)

**Abrasive wear powder materials and coatings**

Kulu, Priit; Tarbe, Riho; Vallikivi, Ahto Materials science = Medžiagotyra 2005 / p. 230-234 : ill

**Abrasive wear resistance of HVOF sprayed and PTA-welded hardmetal hard phase reinforced metal-matrix based coatings**

Tarbe, Riho; Kulu, Priit; Zikin, Arkadi; Surženkov, Andrei Engineering materials & tribology XXII 2014 / p. 3-7

**Abrasive wear resistance of powder composite materials : characterization and prediction**

Veinthal, Renno; Kulu, Priit; Pirso, Jüri; Käerdi, Helmo; Tarbe, Riho Tribology 2008 : proceedings of the 9th International Tribology Conference : University of Pretoria, South Africa, 2-4 April 2008 2008 / p. 1.3(1)-1.3(10)

**Abrasive wear resistance of powder composites at abrasive erosion and abrasive impact wear**

Kulu, Priit; Veinthal, Renno; Käerdi, Helmo; Tarbe, Riho Materials science 2008 / p. 328-332 : ill

**Abrasive wear resistance of powder composites at AEW and AIW**

Kulu, Priit; Veinthal, Renno; Käerdi, Helmo; Tarbe, Riho 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers 2008 / p. 62

**Abrasive wear resistance of recycled hardmetal reinforced thick coating**

Kulu, Priit; Tarbe, Riho; Zikin, Arkadi; Sarjas, Heikki; Surženkov, Andrei Engineering materials and tribology 2013 / p. 185-190

**Abrasive wear resistance of recycled hardmetal reinforced thick coatings**

Kulu, Priit; Tarbe, Riho; Zikin, Arkadi; Sarjas, Heikki; Surženkov, Andrei Proceedings 20th IFHTSE : International Federation for Heat Treatment and Surface Engineering Congress : Beijing, China, October 23-25, 2012 2012 / p. 541-546

**Abrasive wear resistance of the composite Fe alloy - recycled hardmetal based HVOF sprayed coatings**

Surženkov, Andrei; Sarjas, Heikki; Mikli, Valdek; Tarbe, Riho; Vallikivi, Ahto; Kulu, Priit Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 24

**Abrasivity and grindability study of mineral ores**

Kulu, Priit; Tarbe, Riho; Käerdi, Helmo; Goljandin, Dmitri Wear 2009 / 11, p. 1832-1837 : ill

**Abrasivity study of materials used at abrasive tests**

Kulu, Priit; Veinthal, Renno; Käerdi, Helmo; Tarbe, Riho Tribology 2008 : proceedings of the 9th International Tribology Conference : University of Pretoria, South Africa, 2-4 April 2008 2008 / p. 3.4(1)-3.4(10)

**Application of composite thermal sprayed coatings**

Kulu, Priit; Tarbe, Riho; Zimakov, Sergei Proceedings of International Surface Engineering Congress (ISEC) : 15-18 May 2006, Seattle, USA 2006 / p. 19-25 : ill

**Characterization of composite thermal spray powders**

Peetsalu, Priidu; Zimakov, Sergei; Pirso, Jüri; Mikli, Valdek; Tarbe, Riho; Kulu, Priit EURO PM2005 : congress & exhibition : 2-5 October 2005, Prague, Czech Republic : proceedings. Volume 2 2005 / p. 87-91

**Characterization of WC-Co composite thermal spray powder and coating**

Peetsalu, Priidu; Zimakov, Sergei; Pirso, Jüri; Mikli, Valdek; Tarbe, Riho; Kulu, Priit 15th International Baltic Conference

**Characterization of WC-Co composite thermal spray powders and coatings**

**Peetsalu, Priidu; Zimakov, Sergei; Pirso, Jüri; Mikli, Valdek; Tarbe, Riho; Kulu, Priit** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 4, p. 435-444 : ill

**Characterization of WC-Co thermal spray coatings based on the composite powders**

**Peetsalu, Priidu; Zimakov, Sergei; Pirso, Jüri; Mikli, Valdek; Tarbe, Riho; Kulu, Priit** Powder metallurgy progress : journal of science and technology of particle materials 2006 / p. 34-41 : ill

**Double-cemented recycled hardmetal based powders for thermal spray**

**Mikli, Valdek; Kulu, Priit; Tarbe, Riho; Peetsalu, Priidu** Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 211-214 : ill

**Erosion and impact wear resistance of thermal sprayed coatings**

**Kulu, Priit; Tarbe, Riho; Veinthal, Renno** Surface modification technologies : proceedings of the 20th International Conference on Surface Modification Technologies : September 25-29, 2006, Vienna, Austria 2007 / p. 94-99 : ill

**Erosion and impact wear resistance of thermal sprayed coatings [Electronic resource]**

**Kulu, Priit; Tarbe, Riho; Veinthal, Renno** Proceedings of 15th IFHTSE and 20 SMT Congress : September 2006, Vienna 2006 / [CD-ROM]

**Experimental spray powders and coatings produced from recycled hardmetal by various mechanical methods**

**Tarbe, Riho; Zimakov, Sergei; Peetsalu, Priidu; Kulu, Priit; Mikli, Valdek** Euro PM2006 : congress & exhibition : proceedings : PM in Belgium, a crossroads in industry development : 23-25 October 2006 : Ghent, Belgium. Vol. 1, Hard materials 2006 / p. 259-264

**Hardfacings for extreme wear applications**

**Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Saarna, Mart; Tarraste, Marek; Viljus, Mart** Surface Modification Technologies XXVIII : proceedings of the Twenty Eighth International Conference on Surface Modification Technologies : Tampere University of Technology, Tampere, Finland, June 16-18, 2014 2015 / p. 149-157 : ill

**Impact wear tester for the study of abrasive erosion and milling processes**

**Tarbe, Riho; Kulu, Priit** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 561-566 : ill

**Materjaliõpetuse praktikumide ja kodutööde juhendid**

2010 [https://www.ester.ee/record=b2624752\\*est](https://www.ester.ee/record=b2624752*est)

**Mechanical recycling of electronic wastes for materials recovery**

**Laurmaa, Viktor; Kers, Jaan; Tall, Kaspar; Mikli, Valdek; Goljandin, Dmitri; Vilsaar, Kristiina; Peetsalu, Priidu; Saarna, Mart; Tarbe, Riho; Zhang, Lifeng** Recycling of electronic waste II : proceedings of the second symposium 2011 / p. 3-10

**Nanopowders and nanostructured coatings**

**Kulu, Priit; Zimakov, Sergei; Podgurski, Vitali; Peetsalu, Priidu; Tarbe, Riho** Nanopowders, Nanostructured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 8

**New composite coatings on the base of recycled hardmetals**

**Zimakov, Sergei; Tarbe, Riho; Kulu, Priit** Thermal Spray 2003 : proceedings of the International Thermal Spray Conference : [Orlando, Florida, 5-8 May 2003] 2003 / p. 455-459

**Optimization of hardmetal reinforcement content in Fe-based hardfacings for abrasive-impact wear conditions**

**Surženkov, Andrei; Tarbe, Riho; Tarraste, Marek; Simson, Taavi; Viljus, Mart; Kulu, Priit** European Conference on Heat Treatment 2016 and 3rd International Conference on Heat Treatment and Surface Engineering in Automotive Applications : 11-13 May 2016, Prague, Czech Republic, Břevnov Monastery 2016 / [10] p. : ill

**Optimization of reinforcement content of powder metallurgy hardfacings in abrasive wear conditions**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Viljus, Mart; Tarraste, Marek; Goljandin, Dmitri** Proceedings of the Estonian Academy of Sciences 2016 / p. 90-96 : ill

**Optimization of structure of hardmetal reinforced iron-based PM hardfacings for abrasive wear conditions**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Goljandin, Dmitri; Tarbe, Riho; Tarraste, Marek; Viljus, Mart** Engineering materials and tribology XXV 2017 / p. 351-355 <http://dx.doi.org/10.4028/www.scientific.net/KEM.721.351>

**Optimization of structure of sprayed WC-Co hardmetal based coatings**

**Zimakov, Sergei; Tarbe, Riho; Veinthal, Renno; Kulu, Priit** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 224-227 : ill

**Pidevtoimelised teisaldusseadmed ja -süsteemid : ohutusnõuded puistematerjalide kinnitatud lintkonveieritele = Continuous handling equipment and systems : safety requirements for fixed belt conveyors for bulk materials**  
2023 [https://www.ester.ee/record=b5569824\\*est](https://www.ester.ee/record=b5569824*est)

**Prediction of abrasive erosion impact wear of composite hardfacings**

**Kulu, Priit; Casesnoves, Francisco; Simson, Taavi; Tarbe, Riho** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 201-206  
<http://dx.doi.org/10.4028/www.scientific.net/SSP.267.201>

**Puitkonstruktsioonid : tüübeltüüpi kinnitusdetailid : nõuded = Timber structures : dowel-type fasteners : requirements**  
2023 [https://www.ester.ee/record=b5547726\\*est](https://www.ester.ee/record=b5547726*est)

**Recycled hardmetal-based powder composite coatings : optimisation of composition, structure and properties**

**Kulu, Priit; Käerdi, Helmo; Surženkov, Andrei; Tarbe, Riho; Veinthal, Renno; Goljandin, Dmitri; Zikin, Arkadi** International journal of materials & product technology 2014 / p. 180-202 : ill

**Recycled hardmetal-based powders for thermal spray**

**Mikli, Valdek; Kulu, Priit; Tarbe, Riho; Peetsalu, Priidu; Zimakov, Sergei** Proceedings of Estonian Academy of Sciences. Engineering 2004 / 4, p. 315-325 : ill

**Sprayed coatings on the base of recycled hardmetals**

**Zimakov, Sergei; Arensburger, Daniil; Tarbe, Riho** International Conference Novel Technologies in Power Metallurgy and Ceramics : Kiev, Ukraine, 2003 2003 / p. 333

**Steels, hardmetals and hardfacings for abrasive wear applications**

**Kulu, Priit; Tarbe, Riho; Saarna, Mart; Surženkov, Andrei; Peetsalu, Priidu; Viljus, Mart** European Conference on Heat Treatment and 21st IFHTSE Congress : May, 12th-15th, 2014, Munich, Germany : proceedings 2014 / p. 449-456 : ill

**Structure and properties of HVOF-sprayed and PTA-welded cermet hard phase reinforced Fe-matrix based coatings**

**Kulu, Priit; Zikin, Arkadi; Surženkov, Andrei; Tarbe, Riho** 2nd Mediterranean Conference & New Challenges on Heat Treatment and Surface Engineering : Dubrovnik-Cavtat, Croatia, 11-14 June 2013 2013 / p. 37-44

**Structure and properties of HVOF-sprayed and PTA-welded cermet hard phase reinforced Fe-matrix-based coatings**

**Kulu, Priit; Zikin, Arkadi; Surženkov, Andrei; Tarbe, Riho** International journal of microstructure and materials properties 2014 / p. 4-14

**Study of surface fatigue of wear resistant powder materials**

**Saarna, Mart; Kulu, Priit; Veinthal, Renno; Tarbe, Riho** 15th International Baltic Conference "Engineering Materials & Tribology. Baltattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 66-68 : ill

**Study of surface fatigue of wear resistant powder metallurgical materials**

**Saarna, Mart; Kulu, Priit; Veinthal, Renno; Tarbe, Riho** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 4, p. 377-387 : ill

**Surface fatigue processes at impact wear of powder materials**

**Kulu, Priit; Veinthal, Renno; Saarna, Mart; Tarbe, Riho** Wear 2007 / 1, p. 463-471 : ill

**Surface fatigue processes at impact wear of powder materials**

**Kulu, Priit; Veinthal, Renno; Saarna, Mart; Tarbe, Riho** WOM : 16th International Conference on Wear of Materials : Montreal, Quebec, Canada, April 15-19, 2007 : delegate manual 2007 / p. 17D.1  
<https://www.sciencedirect.com/science/article/pii/S0043164807003894>

**Technology and characterization of composite thermal spray powders**

**Peetsalu, Priidu; Zimakov, Sergei; Pirso, Jüri; Mikli, Valdek; Tarbe, Riho; Kulu, Priit** Materials science = Medžiagotyra 2005 / 4, p. 385-389 : ill

**Thermally sprayed WC-Co hardmetal based coatings**

**Zimakov, Sergei; Tarbe, Riho; Kulu, Priit** Medžiagotyra = Materials science 2002 / 4, p. 409-412 : ill

**Thermally sprayed WC-Co hardmetal based coatings**

**Zimakov, Sergei; Tarbe, Riho; Kulu, Priit** Abstracts of International Conference Materials Engineering and Tribology 2002 / p. 39

**Wear resistance and mechanisms of composite hardfacings at abrasive impact erosion wear**

**Surženkov, Andrei; Viljus, Mart; Simson, Taavi; Tarbe, Riho; Saarna, Mart; Casesnoves, Francisco** Journal of physics : conference series 2017 / art. 012060, p. 1-10 : ill <https://doi.org/10.1088/1742-6596/843/1/012060>

**Wear resistance and selection of steels, hardmetals and hardfacings for abrasive wear conditions**

**Kulu, Priit; Tarbe, Riho; Saarna, Mart; Surženkov, Andrei; Peetsalu, Priidu; Talviste, Kristofer** International journal of microstructure and materials properties 2015 / p. 101-113 <http://dx.doi.org/10.1504/IJMMMP.2015.068718>

**Wear resistance of laser clad thermal sprayed coatings**

**Surženkov, Andrei; Kulu, Priit; Tarbe, Riho; Mikli, Valdek; Sarjas, Heikki; Latokartano, Jyrki** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 64

**Wear resistance of laser remelted thermally sprayed coatings**

**Surženkov, Andrei; Kulu, Priit; Tarbe, Riho; Mikli, Valdek; Sarjas, Heikki; Latokartano, Jyrki** Estonian journal of engineering 2009 / 4, p. 318-328 : ill

**Wear resistance of sintered composite hardfacings under different abrasive wear conditions**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei; Tarbe, Riho; Goljandin, Dmitri; Tarraste, Marek; Viljus, Mart; Traksmas, Rainer** Medžiagotyra = Materials science 2017 / p. 249-253 : ill <http://dx.doi.org/10.5755/j01.ms.23.3.17640>

**Wear resistant powder coatings on the base of recycled hardmetal**

**Tarbe, Riho; Zimakov, Sergei; Mikli, Valdek; Kulu, Priit; Veinthal, Renno** Powder metallurgy progress 2005 / p. 148-157 : ill

**Wear resistant thermal sprayed coatings on the base of recycled hardmetal powder**

**Zimakov, Sergei; Mikli, Valdek; Kulu, Priit; Tarbe, Riho** Engineering Materials & Tribology 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 83-88 : ill