

Al-SiC nanocomposites produced by high-energy milling and hot pressing

Kollo, Lauri; Bradbury, Christopher R.; Leparoux, Marc 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 25 : ill

Assessment of the potential of lubricated contact condition laboratory testing and surface analysis for improving the performance of machine elements. Comparison of model and real component test methods

Antonov, Maksim; Michalczewski, Remigiusz; Pasaribu, Richard; Piekoszewski, Witold 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 55

Automatic evaluation of the structure parameters of WC-Co thermal spray coating by image analysis techniques

Peetsalu, Priidu; Mikli, Valdek; Ratas, Kaarin; Kulu, Priit 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 49

Characterization of disintegrator milled electronic waste powders for combustion and pyrolysis

Kers, Jaan; Goljandin, Dmitri; Vil Saar, Kristiina; Tall, Kaspar; Mikli, Valdek; Zuo, Xiangjun; Zhang, Lifeng 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 61

Determination of mechanical properties of thin hard coatings using nanoindentation

Yaldiz, Can Emrah; **Veinthal, Renno; Gregor, Andre**; Georgiadis, Kyriakos 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 48

Evaluation of mechanical properties and residual stresses of hard PVD coatings

Gregor, Andre; Lille, Harri; Kõo, Jakob; **Sergejev, Fjodor; Traksmäa, Rainer; Sivitski, Alina; Kulu, Priit** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 34

Indentation method application for cracking resistance evaluation of hard coatings on tool steels

Sivitski, Alina; Gregor, Andre; Saarna, Mart; Kulu, Priit; Sergejev, Fjodor 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 51

Influence of sintering techniques on performance characteristics of TiC-based cermet

Tšinjan, Aleksei; Klaasen, Heinrich; Kübarsepp, Jakob; Annuka, Harri 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 26

Influence of surface roughness on the tribological behaviour of the PVD coatings

Surženkov, Andrei; Adoberg, Eron; Viljus, Mart; Podgurski, Vitali; Veinthal, Renno; Kulu, Priit; Gregor, Andre 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 38

Measurement and relaxation observation of residual stresses in brush-plated gold coating depending on the current density

Lille, Harri; Kõo, Jakob; Rjabtšikov, Aleksander; **Veinthal, Renno; Mikli, Valdek** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 50

Microstructure evolution and changes in mechanical properties in WC-Co composites during recycling by oxidation-reduction process and sintering

Joost, Renee; Pirso, Jüri; Viljus, Mart 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 29

Nanomaterials Al-Al4-C3 studied by "In-situ Tensile Test in SEM"

Besterčí, Michal; Velgosova, Oksana; Ivan, Jozef; Hvizdoš, Pavol; Kvackaj, Tibor; **Kulu, Priit** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 73

Nanostructure and properties study of advanced high purity rare metals

Kommel, Lembit; Saarna, Mart; Laev, Natalja 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 43

Nitriding of the CoCr alloy substrate as the method for improving of the performance of promising biocoatings for hip replacement

Ortega Saenz, Javier Alonso; **Antonov, Maksim**; Michalczewski, Remigiusz 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 44

Processing and microstructural characterization of WC based cermets doped by ZrO2

Kimmari, Eduard; Hussainova, Irina; Smirnov, Anton; Traksmäa, Rainer; Preis, Irina 18th International Baltic Conference :

Research activities in materials engineering and tribology at TUT

Kulu, Priit; Veinthal, Renno; Kübarsepp, Jakob 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 15

The influence of sinter/HIP technology on reactive sintering of chromium carbide based cermets

Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovits, Sergei 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 23

The study of the laser hardening parameters on the structure and the mechanical properties of the PM steel Vanadis 6

Surženkov, Andrei; Latokartano, Jyrki; Vuoristo, Petri; Kulu, Priit; Viljus, Mart; Vallikivi, Ahto 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 67

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