

An experimental investigation of the oscillatory boundary layer around the breaking point

Liiv, Toomas Proceedings of the Estonian Academy of Sciences. Engineering 2007 / 3, p. 215-233 : ill

Benchmarking 3D CFD for studies on turbulent flow around fish shaped bodies

Khan, Ali Hassan; Hussmann, Karla Ruiz; Powala, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew** The 14th International Symposium on Ecohydraulics : proceedings 2022 / S3: Ecohydraulics on Micro-scale https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192523_72824.doc

Deposition of fine solid particles in laminar flat-plate boundary layers [Electronic resource]

Hussainov, Medhat; **Kartušinski, Aleksander**; Michaelides, Efsthathios; **Rudi, Ülo**; **Štšeglov, Igor**; **Tisler, Sergei** Proceedings of FEDSM2007 : 5th joint ASME/JSME Fluids Engineering Conference, San Diego, California, USA, July 30 - August 2, 2007 2007 / [7] p. [CD-ROM] <https://asmedigitalcollection.asme.org/FEDSM/proceedings-abstract/FEDSM2007/42886/911/327596?redirectedFrom=PDF>

Deposition of solid particle in laminar boundary layer on a flat plate

Kartušinski, Aleksander; Krupenski, Igor; **Tisler, Sergei**; **Hussainov, Medhat**; **Štšeglov, Igor** High temperature 2009 / 6, p. 892-901 <https://link.springer.com/article/10.1134/S0018151X09060170>

Deposition of solid particles from aerosol flow in laminar flat-plate boundary layer = Tahkete osakeste väljasadenemine aerosoolvoolustest tasapinnalise plaadi laminaarses piirkihis

Tisler, Sergei 2006 https://www.ester.ee/record=b2158055*est

Deposition of solid particles in laminar flat-plate boundary layer [Electronic resource]

Hussainov, Medhat; **Kartušinski, Aleksander**; **Rudi, Ülo**; **Štšeglov, Igor**; **Tisler, Sergei** 6th International Conference on Multiphase Flow : ICMF2007 : Leipzig, Germany, July 9-13 2007 / [8] p. [CD-ROM]

Electron microscopy study of contact layers in n-type 4H-SiC after diffusion welding

Korolkov, Oleg; **Sleptšuk, Natalja**; Sitnikova, A.; **Rang, Toomas** BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 91-94 : ill

Estimation of the deposition of fine solid particles in a laminar flat-plate boundary layer

Hussainov, Medhat; **Kartušinski, Aleksander**; **Rudi, Ülo**; **Štšeglov, Igor**; **Tisler, Sergei** UK-Israel Workshop "Sprays : Modelling versus Experimentation" : Brighton, UK, July 16-18, 2007 2007 / ? p

Experimental analysis of boundary layer dynamics in plunging breaking wave = Sukelduva murdlaaine piirikihi dünaamika eksperimentaalne analüüs

Liiv, Toomas 2011

Identification of transition to turbulence in a highly accelerated start-up pipe flow

Koppel, Tiit; **Ainola, Leo** Transactions of the ASME. Journal of fluids engineering 2006 / July, p. 680-686 : ill
<https://asmedigitalcollection.asme.org/fluidsengineering/article/128/4/680/466677/Identification-of-Transition-to-Turbulence-in-a>

Interaktsioon punktdefektide ja lisandite vahel süsteemis Si-SiO₂ ja nende mõju piirpinna omadustele : [ettekande sisukokkuvõte]

Kropman, Daniel; Käerner, T.; Heinmaa, I. Eesti Füüsika Seltsi aastaraamat 2008 2009 / lk. 119-120

Investigation of subcontact layers in SiC after diffusion welding

Korolkov, Oleg; **Kuznetsova, Natalja**; Sitnikova, A.; **Viljus, Mart**; **Rang, Toomas** Silicon carbide and related materials 2007 2009 / p. 647-650

Investigation of the intermediate layer in the metal-silicon carbide contact obtained by diffusion welding =

Difusioonkeevitusega valmistatud metalli ja ränikarbiidi vahelise üleminekuala vahekihi uurimine

Sleptšuk, Natalja 2011 https://www.ester.ee/record=b2692547*est

Measurement of surface energy at the adhesive/substrate interface

Starkopf, Jüri-Aleksander; **Luga, Üllar**; **Kaps, Tiit**; **Kurik, Lembit** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 146

Measurement of the variation of shear velocity on bed during a wave cycle

Oldekop, Nelly; **Liiv, Toomas** journal of earth science and engineering 2013 / p. 322-330 : ill

Non-equilibrium contact quantities and compound deficiency at interfaces between discrete systems

Muschik, Wolfgang; **Berezovski, Arkadi** Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 133-145

Pindaktiivsete ainete mõju vedelik-gaas piirpinna läbilaskvusele

Nigu, P.; Mölder, E.; Saks, Imre; Tenno, T. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 94-96

Pinnaenergia mõõtmine adhesiiv/substraat piirpinnal

Starkopf, Jüri-Aleksander; Luga, Üllar; Kaps, Tiit; Kurik, Lembit XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 134

Similarity of length scales in high-Reynolds-number wall-bounded flows

Gustenyov, Nikolay; **Egerer, Margit**; Hultmark, Marcus; Smits, Alexander J.; Bailey, Sean C.C. Journal of Fluid Mechanics 2023 / art. A17 <https://doi.org/10.1017/jfm.2023.417> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3D CFD analysis of pressure, boundary layer and shear stresses on a gudgeon (Gobio gobio)

Khan, Ali Hassan; Hoerner, Stefan; **Toming, Gert**; Kruusmaa, Maarja; Tuhtan, Jeffrey A. Journal of ecohydraulics 2024 / 15 p <https://doi.org/10.1080/24705357.2024.2426809>

О влиянии термического пограничного слоя и золовых отложений на лучистый теплообмен в топках

Ots, Arvo; Randmann, Rein Вопросы сжигания канско-ачинских углей в мощных парогенераторах : Краткие тезисы докладов ко II всесоюзного научно-технического совещание 1973 / с. 154-164