

### **An analytical approach for the closure equations of gas-solid flows with inter-particle collisions**

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### **An experimental study of the effect of particles on the shear stress in particulate turbulent pipe flow**

**Kartušinski, Aleksander**; Mulgi, Anatoli; **Tisler, Sergei**; Michaelides, Efsthathios Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 2, p. 161-168 : ill

### **Comparison of the RANS and PDF methods for air-particle flows**

**Kartušinski, Aleksander**; Michaelides, Efsthathios; Zaichik, Leonid International journal of multiphase flow 2009 / 10, p. 914-923 : ill

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### **Comparison of the simulation of turbulent particulate flow in pipes using the TBL, RANS and PDF methods [Electronic resource]**

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### **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]

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### **Gas-solid particle flow in horizontal channels : decomposition of the particle-phase flow and interparticle collision effects**

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### **Numerical modeling of a two-dimensional vertical turbulent two-phase jet**

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