

Invitation to Licentiate's Thesis Presentation

Topic: Numerical Simulation of Droplet Size Effects in Fuel Sprays

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Lecture hall: 118

Building: kuljetusväline- ja koneenrakennustekniikka, K3

Time and date: 10.15 a.m., Thursday, November 6th, 2008

ABSTRACT:

A lecture on droplet and particle laden turbulent flows is given. Simulation results regarding Large-Eddy Simulations of a spray jet are presented. Special emphasis is put on understanding the influence of droplet size on the shape of the spray. The results explain certain experimental observations on fuel sprays and demonstrate the potential of Large-Eddy Simulations to simulation of turbulent multiphase flows with particles.

You are warmly welcome!

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