

Jenő Miklós SUDA

Born 1972.12.04, Hungary

Profession: 1) PhD (2009, BME)
2) Diploma course (2000, VKI)
3) MSc in Mech. Eng. (1997, BME)

E-mail, web: suda@ara.bme.hu, www.ara.bme.hu

Occupation: senior lecturer at Dept. Fluid Mechanics (BME)

PhD (2009) “Modelling two-phase flow in electrostatic precipitator” Supervisor: Prof. T. Lajos.
DC (1999-2000) diploma course at VKI “Experimental Investigation on Turbulence Modification by Particles in Shear Layer Flow Using L-6 Twin-Jet Wind Tunnel” VKI-PR 2000-20, diploma with honours, Belgian Government Prize. Supervisor: Prof. J-M. Buchlin.

PhD student (1997-1999 & 2000-2001) “CFD Simulation of Turbulent Transport of Charged Dust Particles in Electrostatic Precipitator” Supervisor: Prof. T. Lajos

MSc (1997) in Mech. Eng. at Budapest University of Technology and Economics (Hungary)

Publications: total number of publications 42, including 3 journal articles.

Professional activity is connected mainly to the research on particle motion in electrostatic precipitators. New precipitator model is developed using the advances in CFD and measurement techniques. Theoretical and experimental investigation on the turbulent transport of the charged particles, also investigation on turbulence modification phenomena in two-phase flows. Experiences in CFD and advanced flow measurement techniques for single- and two-phase flows with LDV, PDA, PIV, PTV(S), HWA.

Memberships:

VKI Alumni Association: board (founding) member, Hungarian Chapter (2008-), GTE (Hungarian Sci. Soc. Mech. Eng., Div. Fluid Dynamics) member (2000-).