

TRAININGS METHODOLOGY IN THE FIELD OF CHARGE EXCHANGE, INJECTION AND COMBUSTION PROCESSES SIMULATION, WITH USE OF AVL FIRE CODE

Summary - In this paper we present an overview of the experience and methodology in training project about numerical simulations of liquid fuel injection and combustion processes in piston IC engines. A project called „Popularization of polish and worlds science achievements in the field of future trends in combustion processes in piston IC engines” is composed of two parts, lectures and practical trainings. Second part is concerning in numerical simulations of flows and combustions with use of commercial CFD code as AVL Fire. Range and the way of choice of the didactic material is presented, besides results and achievements by the participants are discussed.