

講演会のご案内

MODELING AND CONTROL OF GAS FLOWS IN TURBOCHARGED ENGINES

講師: LARS ERIKSSON(Professor, Linköping University, Sweden)

場所: 上智大学 6号館 404室

日付: 2017年06月02日(金) 15 : 15 PM – 16 : 45 AM



EDUCATION

Lars Eriksson was born in Edsbyn, Sweden in 1970. He received M.Sc. Degree in Electrical Engineering 1995 and the PhD degree in Vehicular Systems in May 1999 both from Linköping University. During 2000 and 2001 he spent one year as a post doc in the Measurement and Control group at Swiss Federal Institute of Technology (ETH) in Zurich.

BIOGRAPHY

Since 2001 Lars Eriksson has been employed at Vehicular Systems first as Assistant Professor and now as Professor. Lars Eriksson is currently managing the engine laboratory at vehicular systems. His research interests are modeling, simulation, and control of internal combustion engines for vehicle propulsion in general, but with a focus on downsizing and supercharging concepts for improved fuel economy. His contributions are foremost on engine control and control oriented modeling of combustion engines. However, the research interest spans from the broad area of energy efficient vehicle propulsion into in-cylinder processes, where his research was the first to demonstrate real-time control of the combustion timing using information obtained from the ion current. He has published more than 90 international peer reviewed conference and journal papers.