



# Visiting lecture

Professor Aki Mikkola

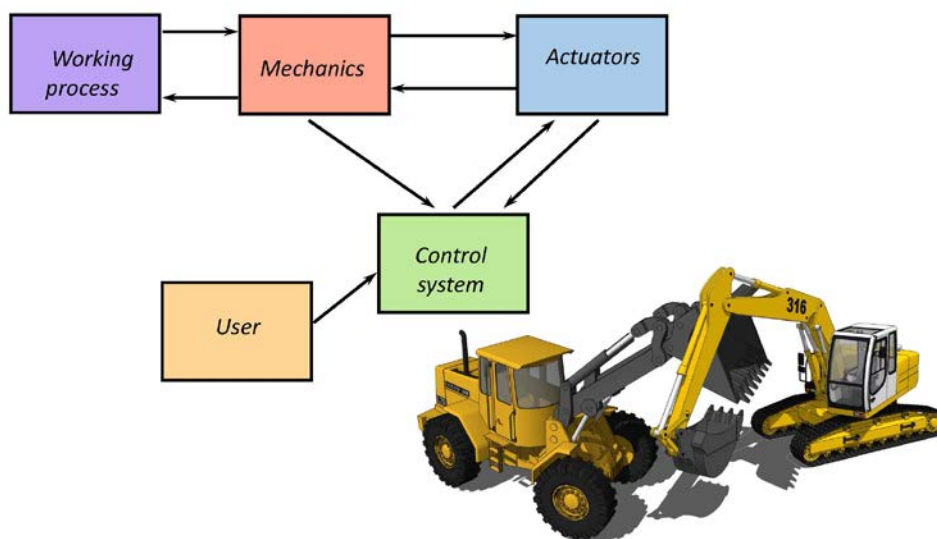
Department of Mechanical Engineering  
Lappeenranta University of Technology

## Real-time simulation based product development of mobile machines

Wednesday 17.6.2015 at 14.15-15.00 in the lecture hall K1241

### Abstract

The use of modern multibody simulation techniques enables the description of complex products such as mobile machinery with a high level of detail while still solving the equations of motion in real-time. This technology has been utilized in user training and more recently, in product development. For product development, real-time simulation makes it possible to account for the machine users and their needs early on in the concept development phase.



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Mailing address  
PO Box 527  
FI-33101 Tampere  
FINLAND

Visiting address  
Korkeakoulunkatu 10  
33720 Tampere

Tel. +358 3 311 511

www.tut.fi  
Business ID 2286106-3