

# The Autonomous Picking & Palletizing (APPLE) Robot: A Research Platform for Intralogistics Applications

Robert Krug<sup>\*</sup>, Todor Stoyanov<sup>\*</sup>, Vinicio Tincani<sup>‡</sup>, Henrik Andreasson<sup>\*</sup>,  
Rafael Mosberger<sup>\*</sup>, Gualtiero Fantoni<sup>‡</sup>, Achim J. Lilienthal<sup>\*</sup> and Antonio Bicchi<sup>‡</sup>

*Abstract*—**Todo ...**

<sup>\*</sup> AASS Research Center; Örebro University; Studentgatan 1, 70182 Örebro, Sweden.

<sup>‡</sup> Interdepart. Research Center “E. Piaggio”; University of Pisa, Via Diotisalvi 2, 56100 Pisa, Italy.