



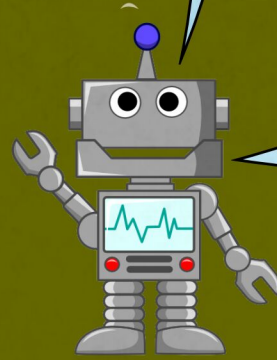
Interreg Sudoe COMMANDIA



European Regional Development Fund

SOE2/P1/F0638

Hi, let me introduce you project COMMANDIA



COMMANDIA stands for Collaborative Robotic Mobile Manipulation of Deformable Objects in Industrial Applications



INDUSTRIAL AUTOMATIZATION IS VITAL FOR IMPROVING COMPETITIVENESS OF COMPANIES AND QUALITY OF WORKING CONDITIONS.

HOWEVER, THE ROBOTIC MANIPULATION OF DEFORMABLE PRODUCTS IS STILL A TECHNOLOGICAL CHALLENGE TO INDUSTRY.

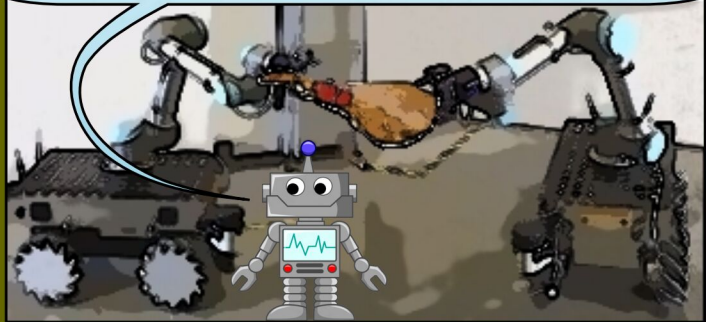


Today, many hard and risky tasks need to be addressed manually

PARTNERS FROM ACROSS THE SUDOE SPACE HAVE JOINED EFFORTS TO DEVELOP COMMANDIA PROJECT.



This project proposes to develop a set of new techniques and technologies in robotic perception, control and planning for dynamically handling deformable objects with a group of collaborative mobile manipulators.



THE GENERALITY, ADAPTABILITY AND MODULARITY OF THE ARCHITECTURE OF THE DEVELOPED SYSTEM WILL BOOST THE ADOPTION OF THIS KEY ENABLING TECHNOLOGY TO OTHER SECTORS WITH MANUAL LABOUR TASKS LIKE TOY, TYRES, FOOD, ETC.



THESE NEW ROBOTIC FUNCTIONALITIES WILL BE APPLIED IN SEVERAL INDUSTRIAL TASKS IDENTIFIED AS PRIORITY BY THE INDUSTRIAL PARTNERS IN THE MEAT AND FOOTWEAR SECTORS.

Diffusion of the results will be promoted in the SUDOE space where many strategical industries handle deformable products.

You can find more information in our web: <http://commandia.unizar.es>

See you soon!

