

Workshop on Robotic Manipulation of Deformable Objects (ROMADO)

2020 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)

Video:

Presentation and recent results from project COMMANDIA

This video presents the project COMMANDIA, which supports the organization of this workshop, and shows some of the project's recent results.

COMMANDIA is a project of the Interreg Sudoe Programme cofinanced by the European Regional Development Fund (ERDF). The acronym COMMANDIA stands for Collaborative Robotic Mobile Manipulation of Deformable Objects in Industrial Applications.

The main goal of this project is to improve the competitiveness and work conditions of industries where deformable objects have to be manipulated directly by human operators in order to control their shapes during production. This project proposes to develop and disseminate a set of new techniques and technologies in robotic perception, control and planning for dynamically handling deformable objects with collaborative mobile manipulators.

The project consortium consists of:

- SIGMA Clermont, France <https://www.sigma-clermont.fr/>
- INESCOP, Spain <http://www.inescop.es/>
- Universidad de Zaragoza, Spain <http://www.unizar.es/>
- Universidad de Alicante, Spain <https://www.ua.es/>
- Universidade de Coimbra, Portugal <https://www.uc.pt/>
- ADIV (Associate Partner), France <http://www.adiv.fr/>

Project website: <http://commandia.unizar.es/>

Workshop Website: <http://commandia.unizar.es/irosworkshop2020/>

Conference Website: <https://www.iros2020.org/>

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