Workshop on Robotic Manipulation of Deformable Objects (ROMADO)

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

Video:

SIGMA Clermont / Institut Pascal: Recent work on deformable object manipulation

The video presents recent work on deformable object manipulation carried out at SIGMA Clermont / Institut Pascal. Several works are included on the topics of monocular shape tracking and shape servoing in 3D for isometrically deforming objects, dual arm coordination for shape control of linear objects, multirobot coordination based on deformation, and manipulation of deformable objects based on force sensing and finite element modeling.

Participants:

- Miguel Aranda, SIGMA Clermont / Institut Pascal miguel.aranda@sigma-clermont.fr
  Postdoctoral researcher
- Mohammad Reza Shetab, UCA / Institut Pascal m.r.shetab@gmail.com
  PhD student
- Rohit Chandra, SIGMA Clermont / Institut Pascal ol.chandra@gmail.com
  Postdoctoral researcher

Institutional Websites: https://www.sigma-clermont.fr/en

http://www.institutpascal.uca.fr/index.php/en/

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

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